Appendix B. SAR Measurement Plots

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Date: 2015-3-19

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 GSM850 251CH Right hand touch cheek with SIM1-Main Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 848.8 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 849 MHz; σ = 0.924 S/m; ε_r = 40.189; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

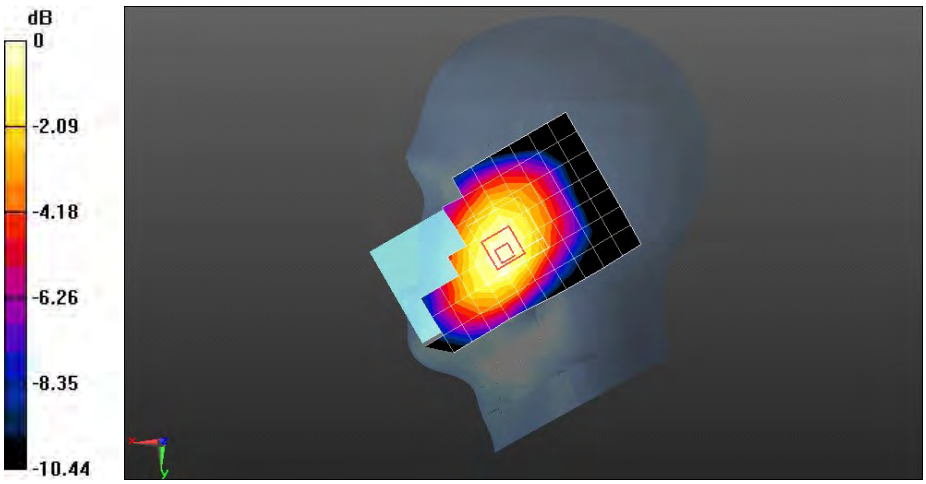
- Probe: ES3DV3 - SN3168; ConvF(6.34, 6.34, 6.34); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

Configuration/Head/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.455 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.272 W/kg
SAR(1 g) = 0.210 W/kg; SAR(10 g) = 0.159 W/kg

Maximum value of SAR (measured) = 0.229 W/kg



0 dB = 0.229 W/kg = -6.40 dBW/kg

Date: 2015-3-19

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 GSM850 128CH Right hand touch cheek with SIM1 and Battery 2#-Second Antenna Repeated

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 824.2 MHz;Duty Cycle: 1:8.30042
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.907 S/m; ε_r = 40.325; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.34, 6.34, 6.34); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

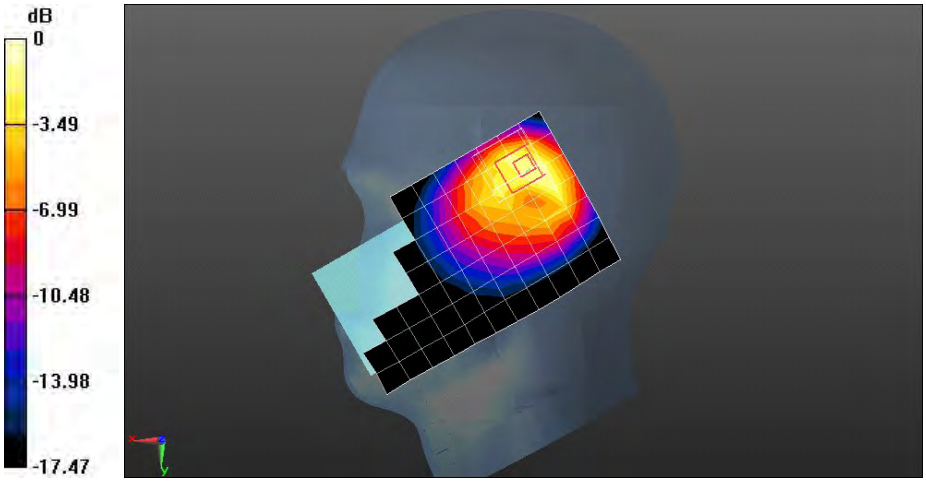
Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

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

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.92 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 3.06 W/kg
SAR(1 g) = 1.28 W/kg; SAR(10 g) = 0.624 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.63 W/kg



0 dB = 1.63 W/kg = 2.12 dBW/kg

Date: 2015-3-19

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 GSM850 GPRS 3TS 190CH Back Side 15mm with SIM1-Main Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

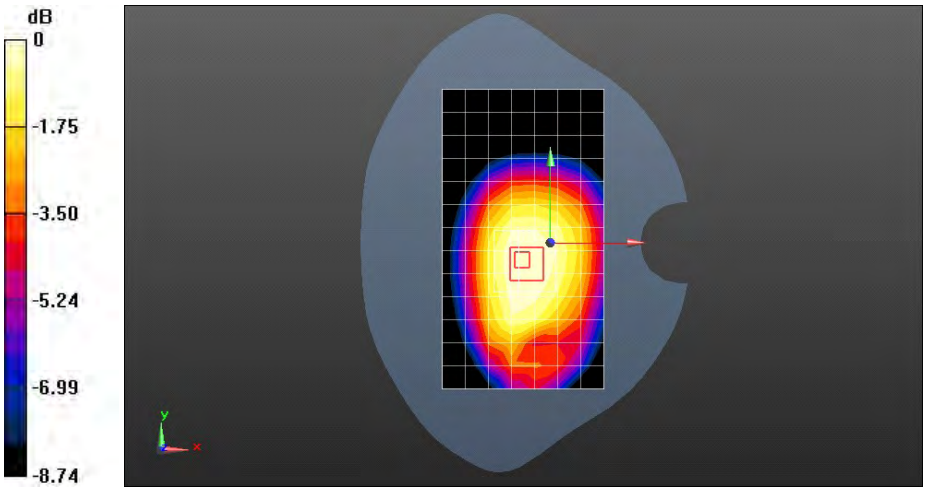
Communication System: UID 0, HW-GSM\GPRS\EGPRS-3TS (0); Frequency: 836.6 MHz;Duty Cycle: 1:2.77013
Medium parameters used: f = 837 MHz; σ = 0.979 S/m; ε_r = 55.747; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.12, 6.12, 6.12); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.306 W/kg

Configuration/Body/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.22 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.364 W/kg
SAR(1 g) = 0.286 W/kg; SAR(10 g) = 0.221 W/kg
Maximum value of SAR (measured) = 0.314 W/kg



0 dB = 0.314 W/kg = -5.03 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 GSM850 GPRS 3TS 190CH Back Side 15mm with SIM2-Second Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

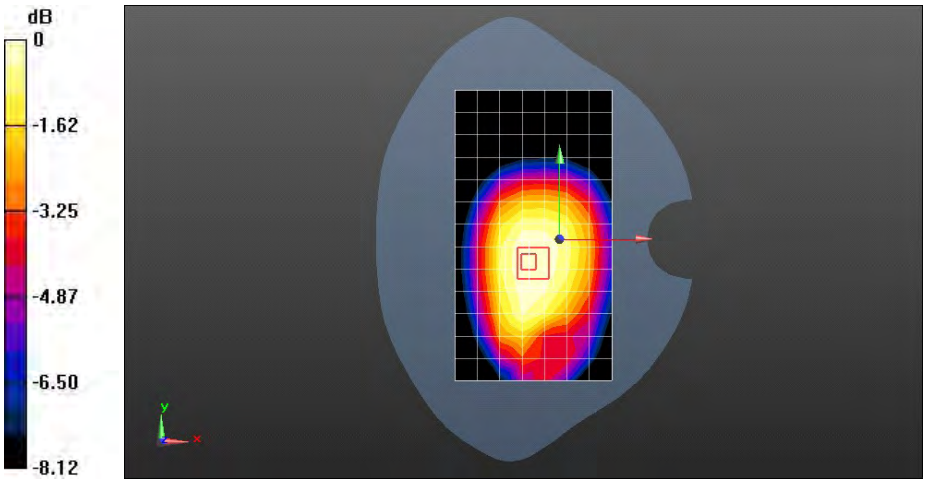
Communication System: UID 0, HW-GSM\GPRS\EGPRS-3TS (0); Frequency: 836.6 MHz;Duty Cycle: 1:2.77013
Medium parameters used: f = 837 MHz; σ = 0.953 S/m; ε_r = 54.37; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.12, 6.12, 6.12); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.286 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.55 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.331 W/kg
SAR(1 g) = 0.263 W/kg; SAR(10 g) = 0.203 W/kg
Maximum value of SAR (measured) = 0.288 W/kg



0 dB = 0.288 W/kg = -5.40 dBW/kg

Date: 2015-3-20

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 GSM850 GPRS 190CH Right Side 10mm with SIM2-Main Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-3TS (0); Frequency: 836.6 MHz;Duty Cycle: 1:2.77013
Medium parameters used: f = 837 MHz; σ = 0.979 S/m; ε_r = 55.747; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

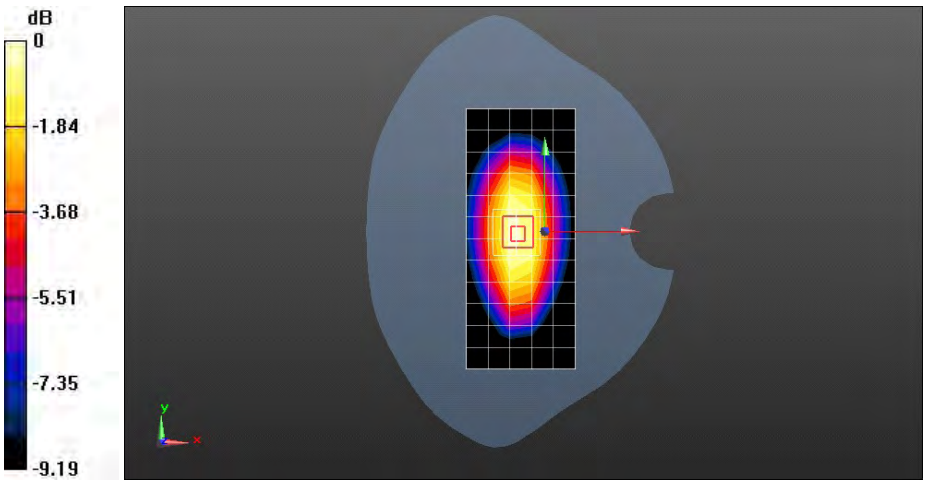
- Probe: ES3DV3 - SN3168; ConvF(6.12, 6.12, 6.12); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = -8.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.440 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.61 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.577 W/kg
SAR(1 g) = 0.409 W/kg; SAR(10 g) = 0.282 W/kg

Maximum value of SAR (measured) = 0.467 W/kg



0 dB = 0.467 W/kg = -3.30 dBW/kg

Date: 2015-3-28

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 GSM850 GPRS 3TS 190CH Front Side 10mm with SIM1 and Battery 2#-Second Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

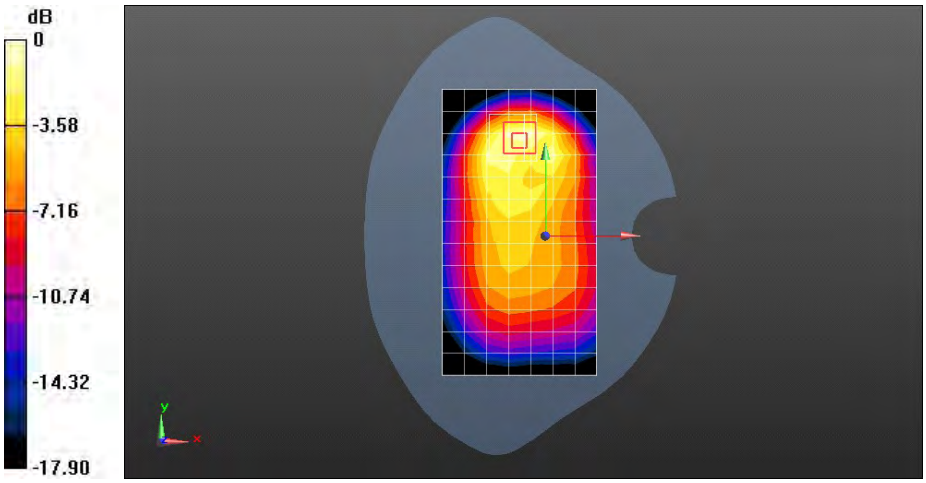
Communication System: UID 0, HW-GSM\GPRS\EGPRS-3TS (0); Frequency: 836.6 MHz;Duty Cycle: 1:2.77013
Medium parameters used: f = 837 MHz; σ = 0.953 S/m; ε_r = 54.37; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.12, 6.12, 6.12); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.495 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.70 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.869 W/kg
SAR(1 g) = 0.485 W/kg; SAR(10 g) = 0.271 W/kg
Maximum value of SAR (measured) = 0.586 W/kg



0 dB = 0.586 W/kg = -2.32 dBW/kg

Date: 2015-3-19

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 GSM850 251CH Right hand touch cheek with SIM2-Second modem Main Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

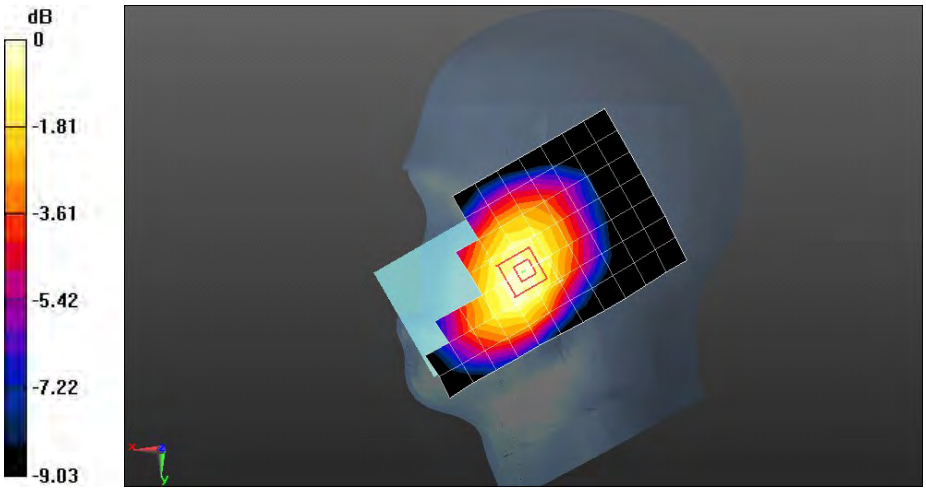
Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 848.8 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 849 MHz; σ = 0.924 S/m; ε_r = 40.189; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.34, 6.34, 6.34); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.178 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.549 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.212 W/kg
SAR(1 g) = 0.165 W/kg; SAR(10 g) = 0.126 W/kg
Maximum value of SAR (measured) = 0.181 W/kg



0 dB = 0.181 W/kg = -7.41 dBW/kg

Date: 2015-3-31

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 GSM850 190CH Right hand touch cheek with SIM2 and Battery 2#-Second modem Second Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

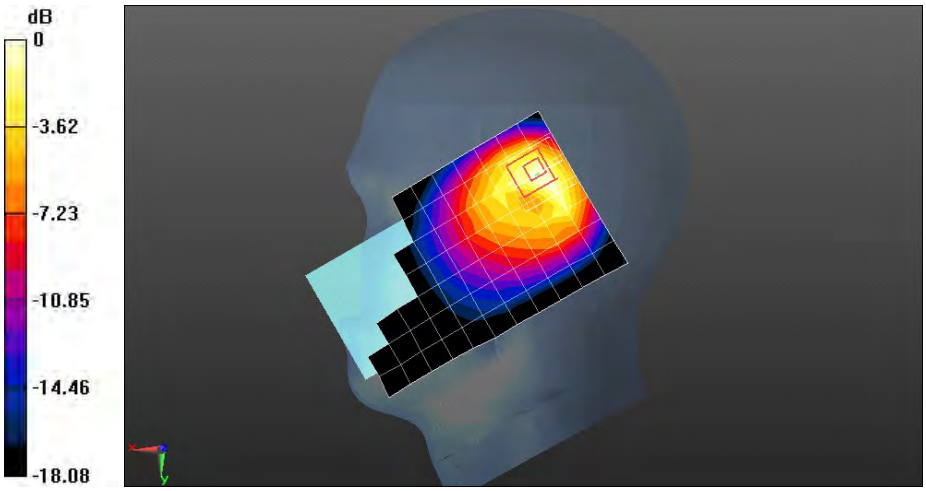
Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 837 MHz; σ = 0.904 S/m; ε_r = 42.076; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.34, 6.34, 6.34); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.56 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.94 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 3.08 W/kg
SAR(1 g) = 1.34 W/kg; SAR(10 g) = 0.670 W/kg
Maximum value of SAR (measured) = 1.75 W/kg



0 dB = 1.75 W/kg = 2.42 dBW/kg

Date: 2015-3-20

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 GSM850 GPRS 3TS 190CH Back Side 15mm with SIM2-Second modem Main Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

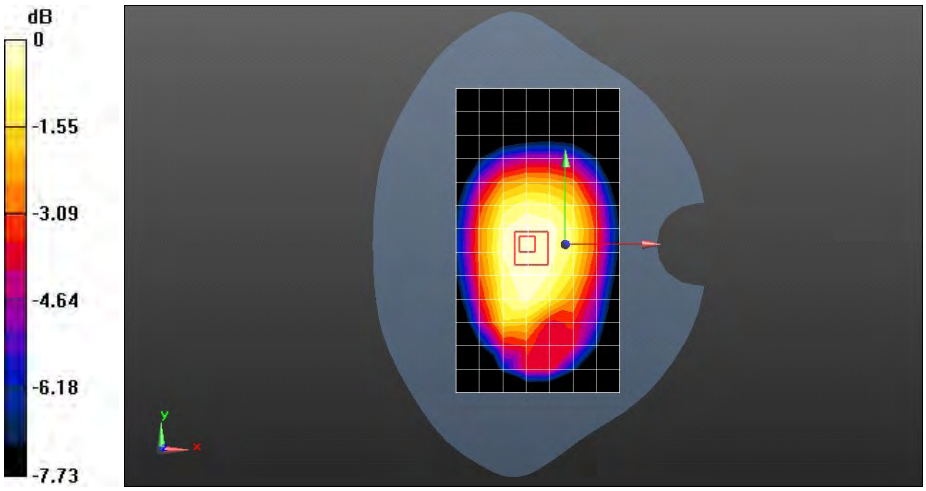
Communication System: UID 0, HW-GSM\GPRS\EGPRS-3TS (0); Frequency: 836.6 MHz;Duty Cycle: 1:2.77013
Medium parameters used: f = 837 MHz; σ = 0.979 S/m; ε_r = 55.747; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.12, 6.12, 6.12); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.268 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.97 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.306 W/kg
SAR(1 g) = 0.244 W/kg; SAR(10 g) = 0.188 W/kg
Maximum value of SAR (measured) = 0.265 W/kg



0 dB = 0.265 W/kg = -5.77 dBW/kg

Date: 2015-3-28

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 GSM850 190CH Back Side 15mm with SIM2-Second modem Second Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

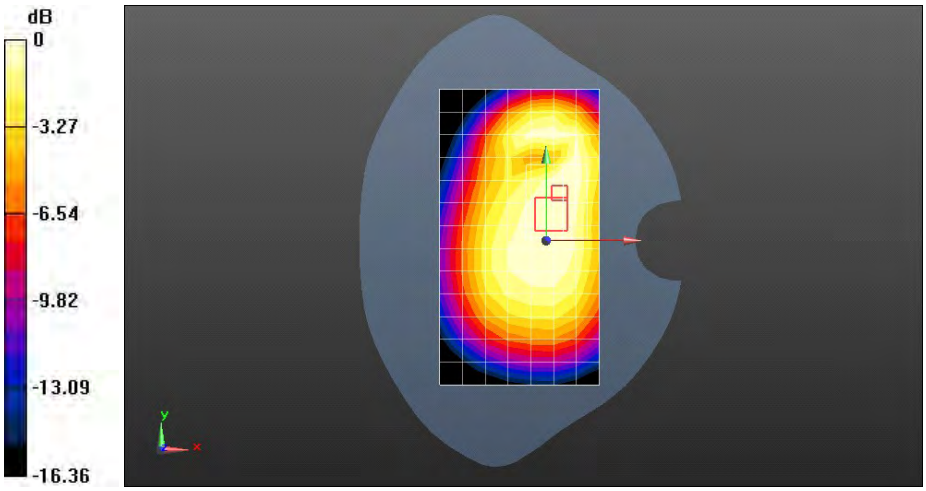
Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 837 MHz; σ = 0.953 S/m; ε_r = 54.37; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.12, 6.12, 6.12); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.274 W/kg

Configuration/Body/Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.36 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.327 W/kg
SAR(1 g) = 0.251 W/kg; SAR(10 g) = 0.188 W/kg
Maximum value of SAR (measured) = 0.279 W/kg



0 dB = 0.279 W/kg = -5.54 dBW/kg

Date: 2015-3-20

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 GSM850 GPRS 3TS 190CH Right Side 10mm with SIM2-Second modem Main Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-3TS (0); Frequency: 836.6 MHz;Duty Cycle: 1:2.77013
Medium parameters used: f = 837 MHz; σ = 0.979 S/m; ε_r = 55.747; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

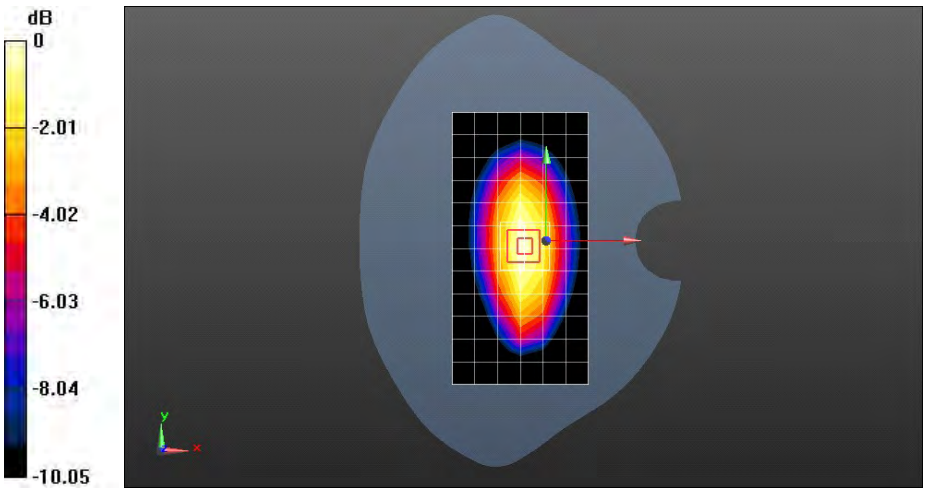
- Probe: ES3DV3 - SN3168; ConvF(6.12, 6.12, 6.12); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.481 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.30 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.604 W/kg
SAR(1 g) = 0.421 W/kg; SAR(10 g) = 0.285 W/kg

Maximum value of SAR (measured) = 0.488 W/kg



0 dB = 0.488 W/kg = -3.12 dBW/kg

Date: 2015-3-28

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 GSM850 GPRS 3TS 190CH Back Side 10mm with SIM2 and battery 2#-Second modem Second Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

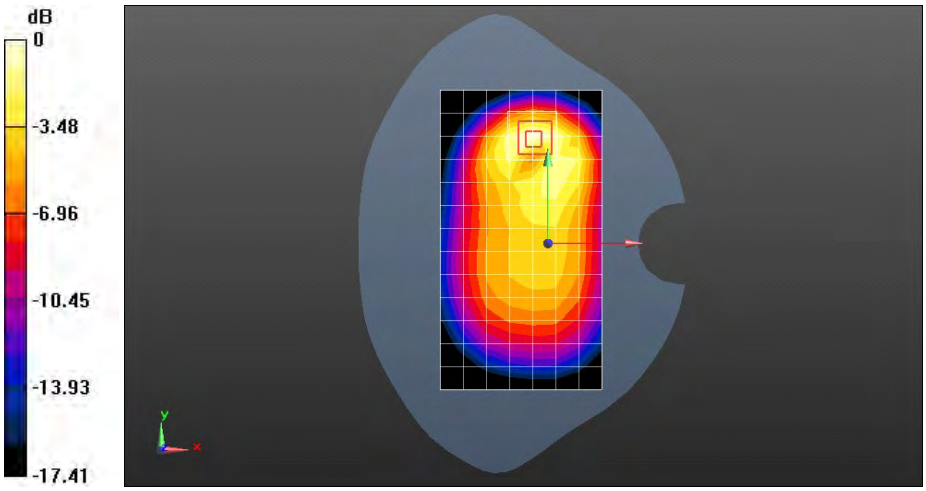
Communication System: UID 0, HW-GSM\GPRS\EGPRS-3TS (0); Frequency: 836.6 MHz;Duty Cycle: 1:2.77013
Medium parameters used: f = 837 MHz; σ = 0.953 S/m; ε_r = 54.37; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.12, 6.12, 6.12); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.537 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.10 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.820 W/kg
SAR(1 g) = 0.446 W/kg; SAR(10 g) = 0.244 W/kg
Maximum value of SAR (measured) = 0.529 W/kg



0 dB = 0.529 W/kg = -2.76 dBW/kg

Date: 2015-3-22

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 GSM1900 GPRS 3TS 512CH Left hand touch cheek with SIM2 and battery 2#-Main Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-3TS (0); Frequency: 1850.2 MHz;Duty Cycle: 1:2.77013
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.345 S/m; ε_r = 38.853; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

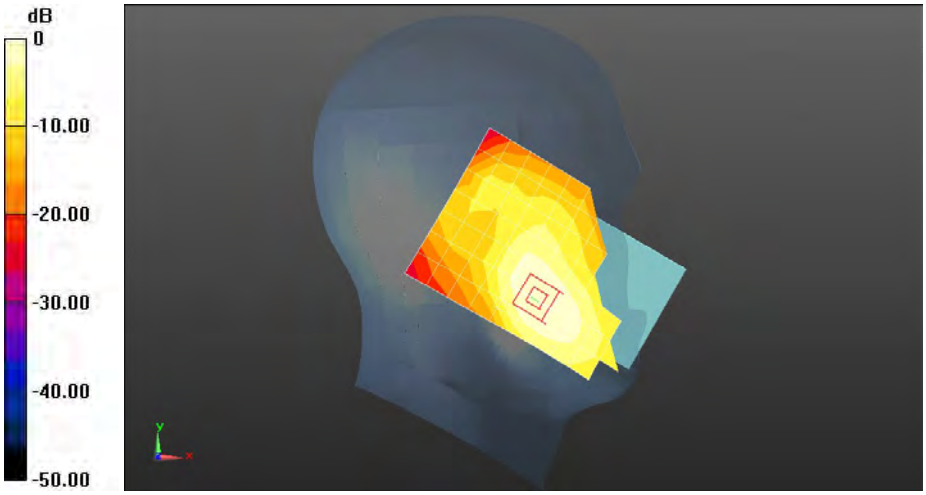
- Probe: EX3DV4 - SN3744; ConvF(7.6, 7.6, 7.6); Calibrated: 2014-7-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.544 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.297 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.841 W/kg
SAR(1 g) = 0.498 W/kg; SAR(10 g) = 0.304 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.604 W/kg



0 dB = 0.544 W/kg = -2.64 dBW/kg

Date: 2015-3-22

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 GSM1900 512CH Right hand touch cheek with SIM1-Second Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 1850.2 MHz;Duty Cycle: 1:8.30042
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.345 S/m; ε_r = 38.853; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

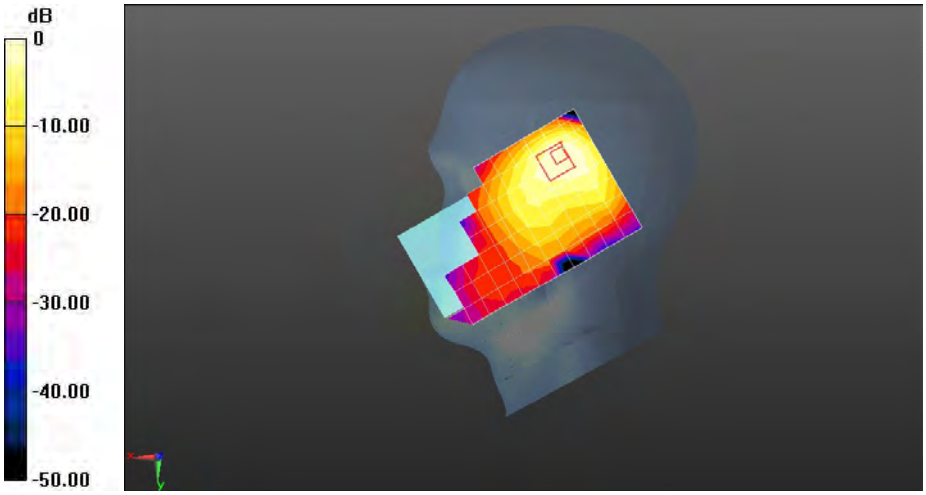
- Probe: EX3DV4 - SN3744; ConvF(7.6, 7.6, 7.6); Calibrated: 2014-7-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

Configuration/Head/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.28 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 2.13 W/kg
SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.532 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.30 W/kg



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

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 GSM1900 GPRS 3TS 661CH Back side 15mm with SIM2 and battery 2#-Main Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

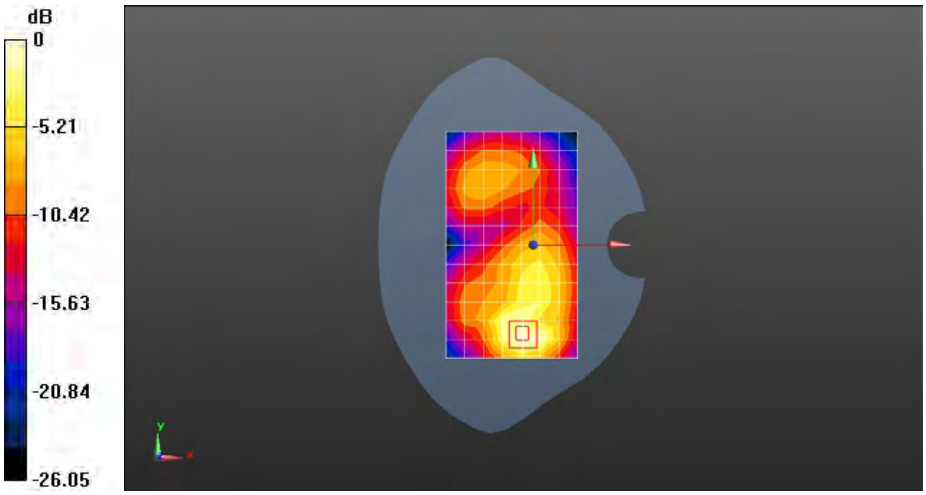
Communication System: UID 0, HW-GSM\GPRS\EGPRS-3TS (0); Frequency: 1880 MHz;Duty Cycle: 1:2.77013
Medium parameters used: f = 1880 MHz; σ = 1.558 S/m; ε_r = 52.231; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.17, 7.17, 7.17); Calibrated: 2014-7-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.035 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.932 W/kg
SAR(1 g) = 0.500 W/kg; SAR(10 g) = 0.255 W/kg
Maximum value of SAR (measured) = 0.607 W/kg



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

Date: 2015-3-26

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 GSM1900 GPRS 3TS 661CH Back side 15mm with SIM2-Second Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

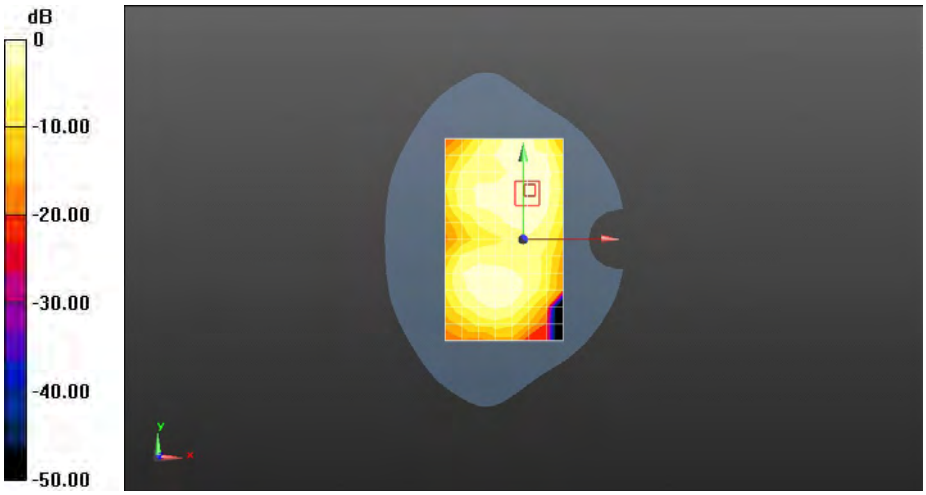
Communication System: UID 0, HW-GSM\GPRS\EGPRS-3TS (0); Frequency: 1880 MHz;Duty Cycle: 1:2.77013
Medium parameters used: f = 1880 MHz; σ = 1.558 S/m; ε_r = 52.231; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.17, 7.17, 7.17); Calibrated: 2014-7-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0779 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.429 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.111 W/kg
SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.042 W/kg
Maximum value of SAR (measured) = 0.0784 W/kg



0 dB = 0.0779 W/kg = -11.08 dBW/kg

Date: 2015-3-26

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 GSM1900 GPRS 3TS 512CH Bottom side 10mm with SIM1 and battery 2#-Main Antenna repeated

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-3TS (0); Frequency: 1850.2 MHz;Duty Cycle: 1:2.77013
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.526 S/m; ε_r = 52.298; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

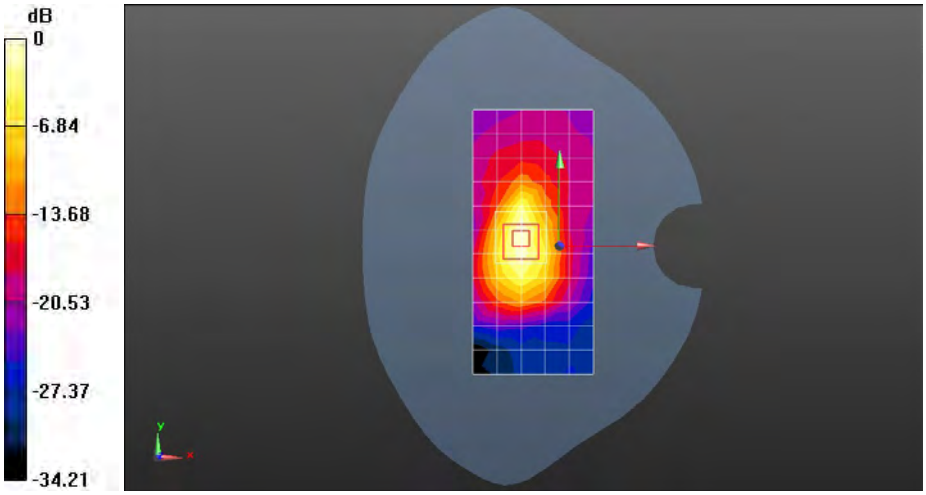
- Probe: EX3DV4 - SN3744; ConvF(7.17, 7.17, 7.17); Calibrated: 2014-7-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (6x12x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.59 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.16 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 2.50 W/kg
SAR(1 g) = 1.34 W/kg; SAR(10 g) = 0.670 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.75 W/kg



0 dB = 1.59 W/kg = 2.01 dBW/kg

Date: 2015-3-25

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 GSM1900 GPRS 3TS 661CH Top side 10mm with SIM1-Second Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

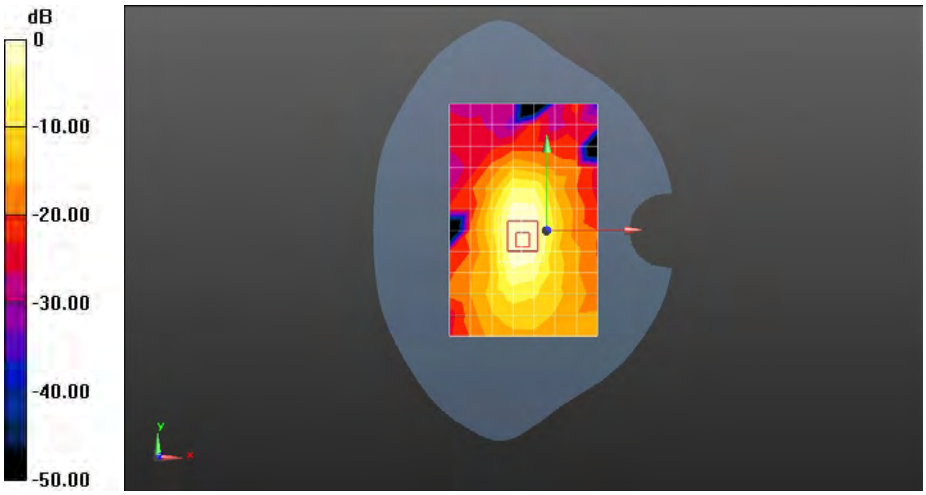
Communication System: UID 0, HW-GSM\GPRS\EGPRS-3TS (0); Frequency: 1880 MHz;Duty Cycle: 1:2.77013
Medium parameters used: f = 1880 MHz; σ = 1.558 S/m; ε_r = 52.231; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.17, 7.17, 7.17); Calibrated: 2014-7-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.158 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.35 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.349 W/kg
SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.094 W/kg
Maximum value of SAR (measured) = 0.242 W/kg



0 dB = 0.158 W/kg = -8.01 dBW/kg

Date: 2015-3-23

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 GSM1900 661CH Right hand touch cheek with SIM2-Second Modem Main Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.375 S/m; ε_r = 38.754; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.6, 7.6, 7.6); Calibrated: 2014-7-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.201 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.262 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.264 W/kg
SAR(1 g) = 0.168 W/kg; SAR(10 g) = 0.105 W/kg
Maximum value of SAR (measured) = 0.195 W/kg

0 dB = 0.201 W/kg = -6.97 dBW/kg

Date: 2015-3-23

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 GSM1900 661CH Left hand touch cheek with SIM2 and battery 2#-Second Modem Main Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

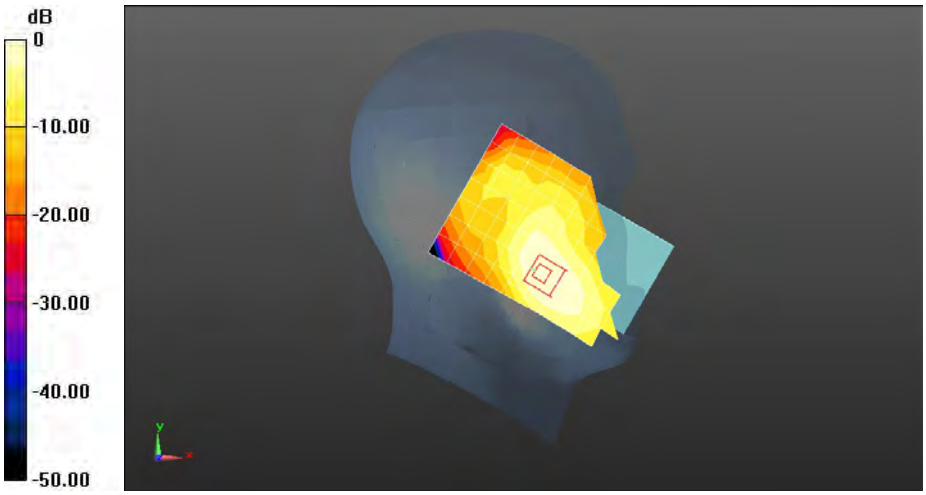
Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.375 S/m; ε_r = 38.754; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.6, 7.6, 7.6); Calibrated: 2014-7-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.435 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.587 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.578 W/kg
SAR(1 g) = 0.390 W/kg; SAR(10 g) = 0.242 W/kg
Maximum value of SAR (measured) = 0.446 W/kg



0 dB = 0.435 W/kg = -3.62 dBW/kg

Date: 2015-3-23

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 GSM1900 661CH Right hand touch cheek with SIM2-Second Modem Second Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

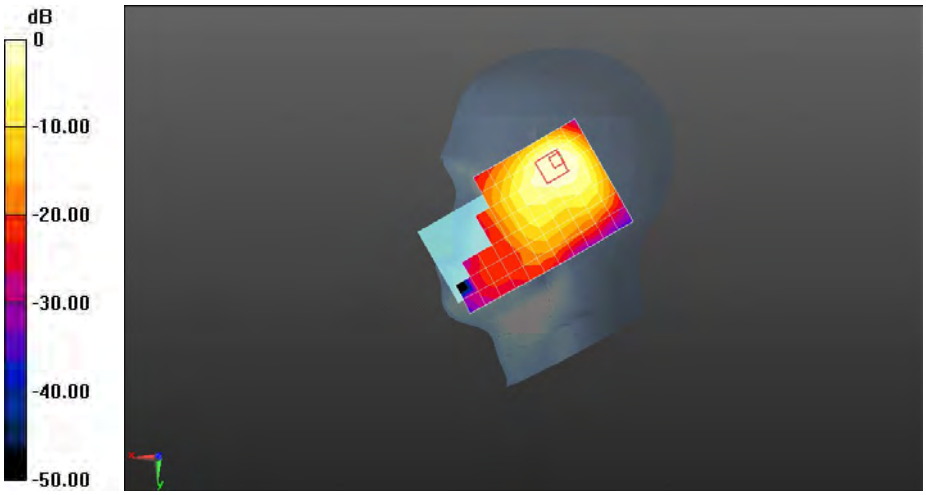
Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.375 S/m; ε_r = 38.754; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.6, 7.6, 7.6); Calibrated: 2014-7-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.09 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.98 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 2.86 W/kg
SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.587 W/kg
Maximum value of SAR (measured) = 1.60 W/kg



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

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 GSM1900 661CH Right hand touch cheek with SIM2-Second Modem Second Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

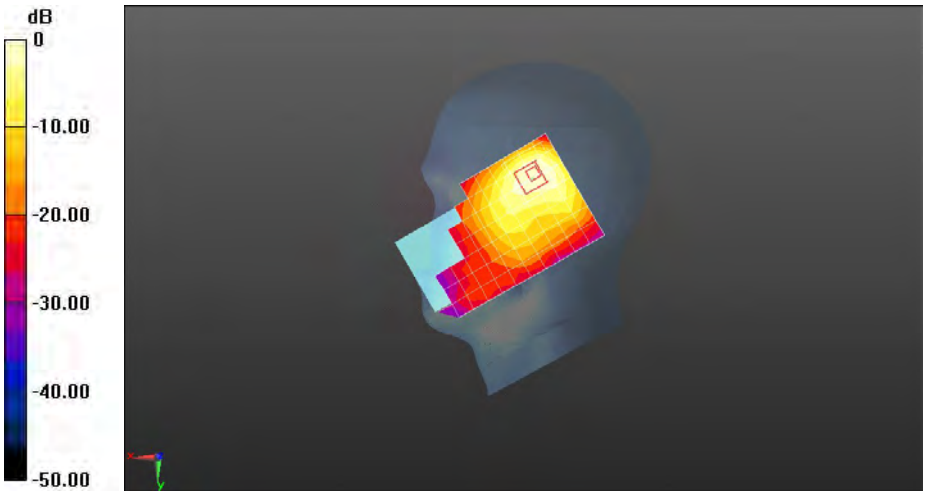
Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.375 S/m; ε_r = 38.754; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.6, 7.6, 7.6); Calibrated: 2014-7-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.897 W/kg

Configuration/Head/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.97 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 2.02 W/kg
SAR(1 g) = 0.853 W/kg; SAR(10 g) = 0.415 W/kg
Maximum value of SAR (measured) = 1.01 W/kg



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

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 GSM1900 661CH Back side 15mm with SIM2 and battery 2#-Second Modem Main Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

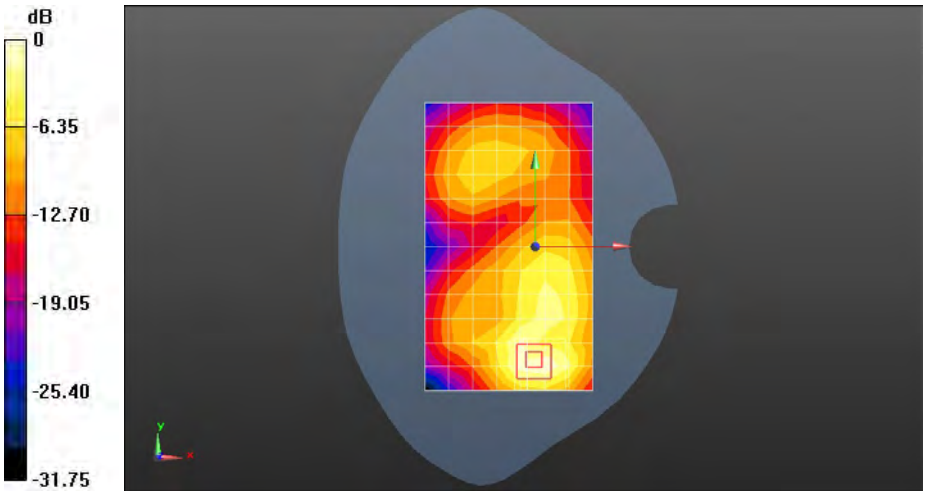
Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.558 S/m; ε_r = 52.231; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.17, 7.17, 7.17); Calibrated: 2014-7-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.515 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.121 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.906 W/kg
SAR(1 g) = 0.484 W/kg; SAR(10 g) = 0.247 W/kg
Maximum value of SAR (measured) = 0.554 W/kg



0 dB = 0.515 W/kg = -2.88 dBW/kg

Date: 2015-3-24

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 GSM1900 661CH Back side 15mm with SIM2-Second Modem Second Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

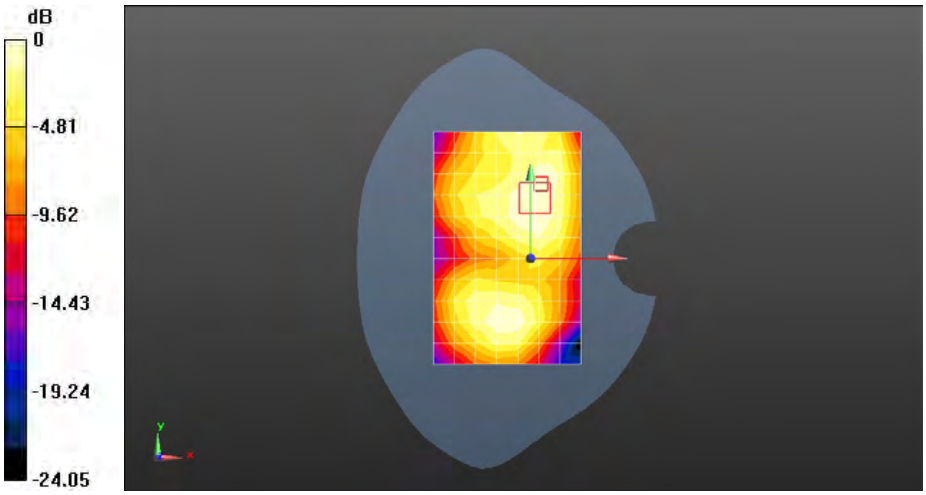
Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.558 S/m; ε_r = 52.231; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.17, 7.17, 7.17); Calibrated: 2014-7-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0858 W/kg

Configuration/Body/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.137 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.128 W/kg
SAR(1 g) = 0.075 W/kg; SAR(10 g) = 0.047 W/kg
Maximum value of SAR (measured) = 0.0878 W/kg



0 dB = 0.0858 W/kg = -10.67 dBW/kg

Date: 2015-3-26

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 GSM1900 GPRS 3TS 810CH Back side 10mm with SIM2 and battery 2#-Second Modem Second Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

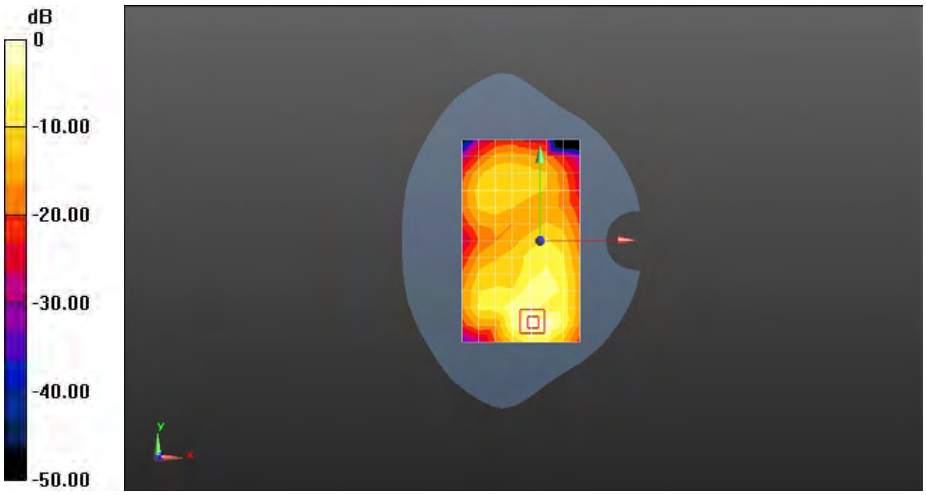
Communication System: UID 0, HW-GSM\GPRS\EGPRS-3TS (0); Frequency: 1909.8 MHz;Duty Cycle: 1:2.77013
Medium parameters used: f = 1910 MHz; σ = 1.591 S/m; ε_r = 52.058; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.17, 7.17, 7.17); Calibrated: 2014-7-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.998 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.497 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.70 W/kg
SAR(1 g) = 0.882 W/kg; SAR(10 g) = 0.422 W/kg
Maximum value of SAR (measured) = 1.19 W/kg



0 dB = 0.998 W/kg = -0.01 dBW/kg

Date: 2015-3-24

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 GSM1900 GPRS 3TS 661CH Left side 10mm with SIM2 and battery 2#-Second Modem Second Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

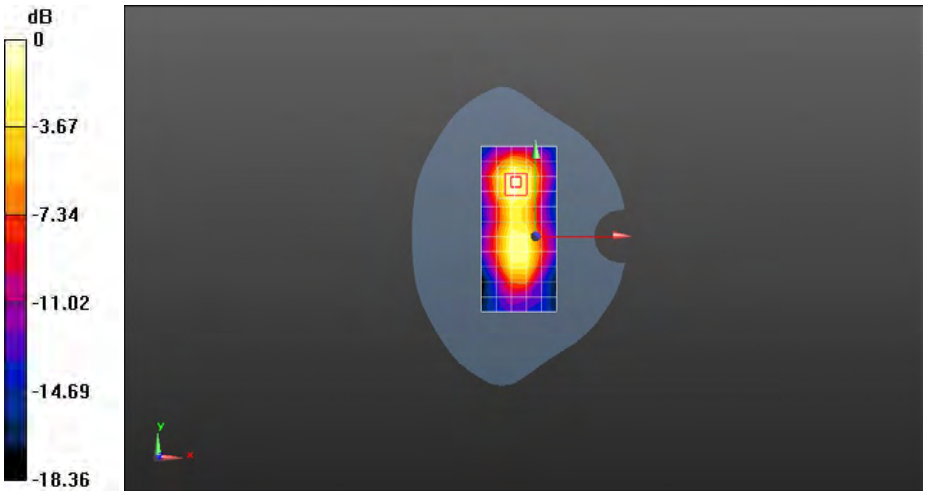
Communication System: UID 0, HW-GSM\GPRS\EGPRS-3TS (0); Frequency: 1880 MHz;Duty Cycle: 1:2.77013
Medium parameters used: f = 1880 MHz; σ = 1.558 S/m; ε_r = 52.231; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.17, 7.17, 7.17); Calibrated: 2014-7-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (6x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.227 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.52 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.366 W/kg
SAR(1 g) = 0.214 W/kg; SAR(10 g) = 0.116 W/kg
Maximum value of SAR (measured) = 0.267 W/kg



0 dB = 0.227 W/kg = -6.44 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 UMTS Band V 4233CH Right hand touch cheek with SIM1 and battery2#-Main Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

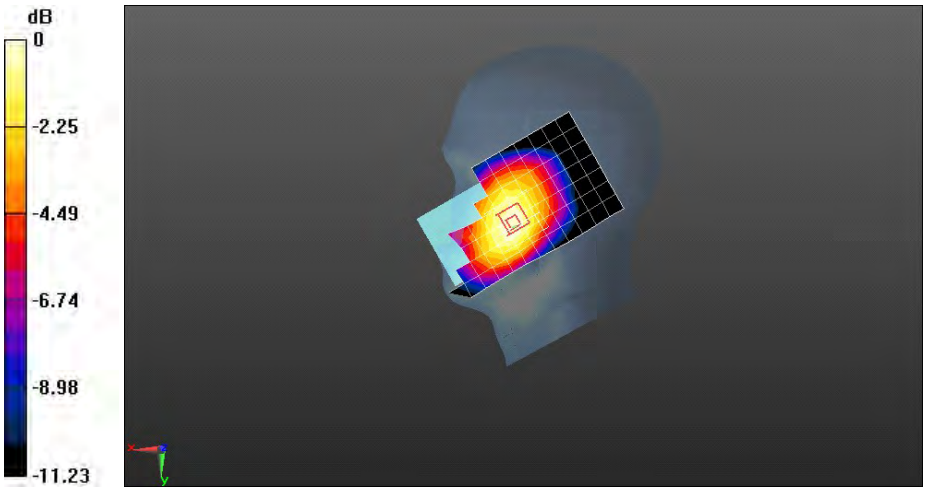
Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 847 MHz; σ = 0.923 S/m; ε_r = 40.204; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.34, 6.34, 6.34); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.213 W/kg

Configuration/Head/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.272 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.264 W/kg
SAR(1 g) = 0.201 W/kg; SAR(10 g) = 0.152 W/kg
Maximum value of SAR (measured) = 0.221 W/kg



0 dB = 0.221 W/kg = -6.55 dBW/kg

Date: 2015-3-18

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 UMTS Band V 4132CH Right hand touch cheek with SIM1 and battery2#-Second Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.908 S/m; ε_r = 40.315; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.34, 6.34, 6.34); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

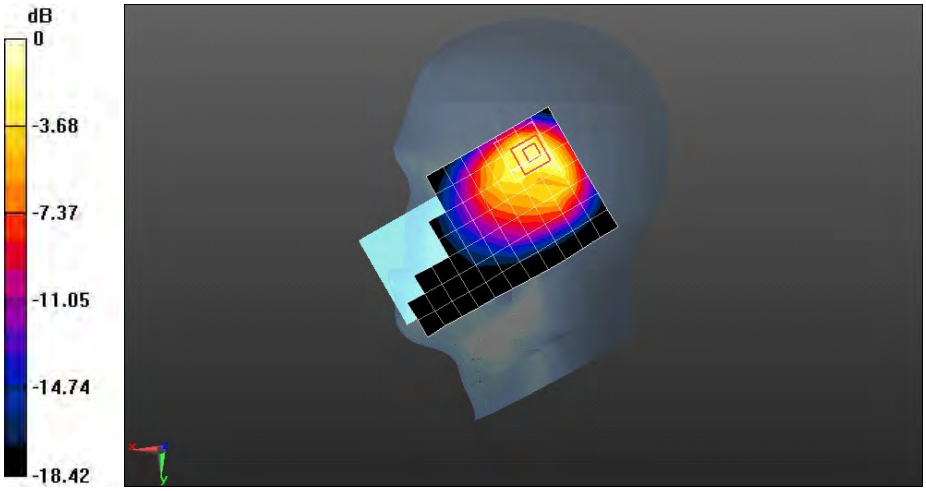
Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.846 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.53 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 2.07 W/kg
SAR(1 g) = 0.874 W/kg; SAR(10 g) = 0.434 W/kg

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



0 dB = 1.10 W/kg = 0.42 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 UMTS Band V 4182CH Back Side 15mm with SIM2-Main Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.978 S/m; ε_r = 55.754; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

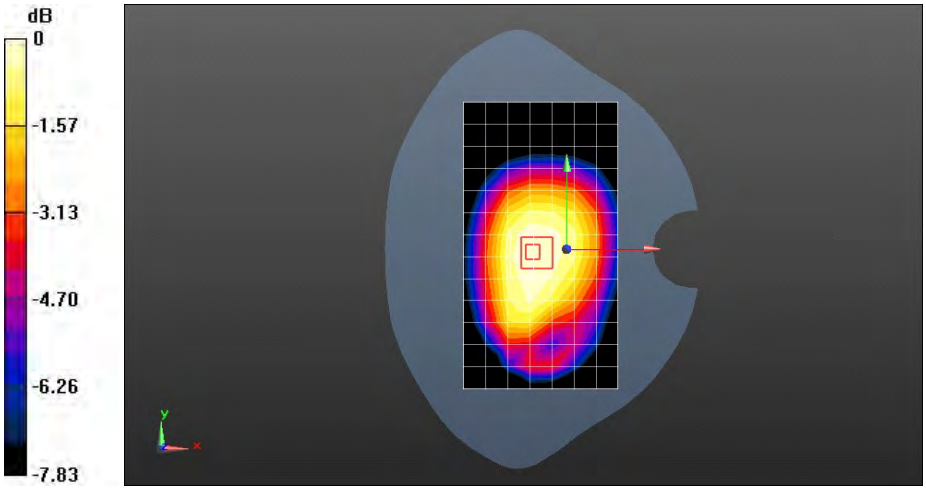
- Probe: ES3DV3 - SN3168; ConvF(6.12, 6.12, 6.12); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.306 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.19 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.348 W/kg
SAR(1 g) = 0.278 W/kg; SAR(10 g) = 0.215 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.304 W/kg



0 dB = 0.304 W/kg = -5.16 dBW/kg

Date: 2015-3-18

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 UMTS Band V 4182CH Back Side 15mm with SIM2 and battery 2#-Second Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.978 S/m; ε_r = 55.754; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.12, 6.12, 6.12); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

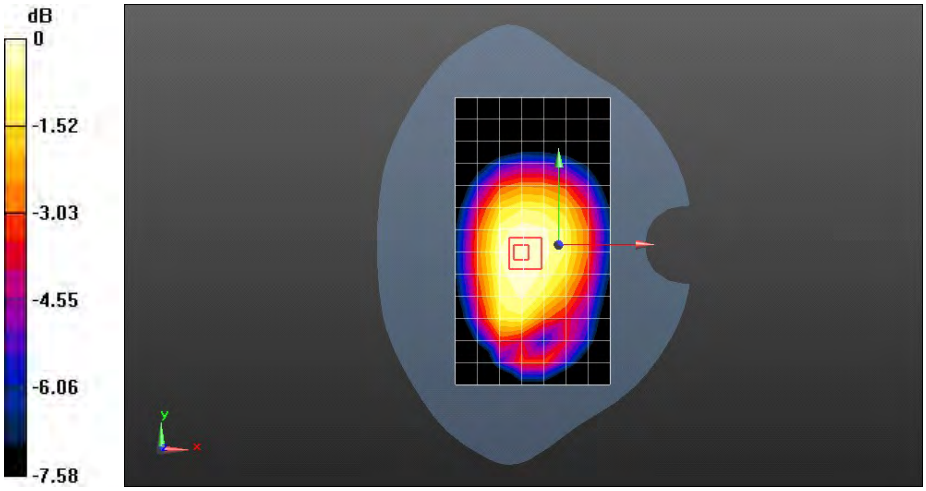
Configuration/Body/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.226 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.56 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.257 W/kg
SAR(1 g) = 0.205 W/kg; SAR(10 g) = 0.159 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.224 W/kg



0 dB = 0.224 W/kg = -6.50 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 UMTS Band V 4182CH Right Side 10mm with SIM1-Main Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.978 S/m; ε_r = 55.754; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

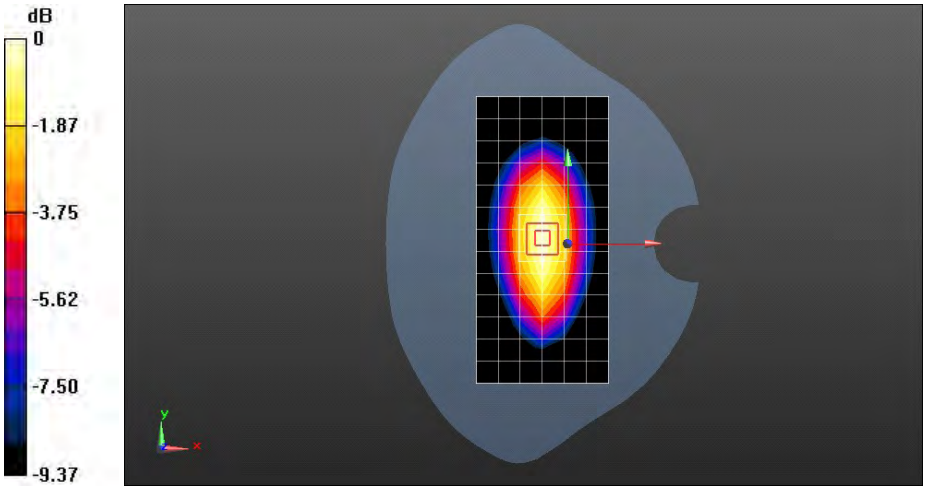
- Probe: ES3DV3 - SN3168; ConvF(6.12, 6.12, 6.12); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.465 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.59 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.582 W/kg
SAR(1 g) = 0.406 W/kg; SAR(10 g) = 0.277 W/kg

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



0 dB = 0.469 W/kg = -3.29 dBW/kg

Date: 2015-3-18

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 UMTS Band V 4182CH Top Side 10mm with SIM2-Second Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.978 S/m; ε_r = 55.754; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

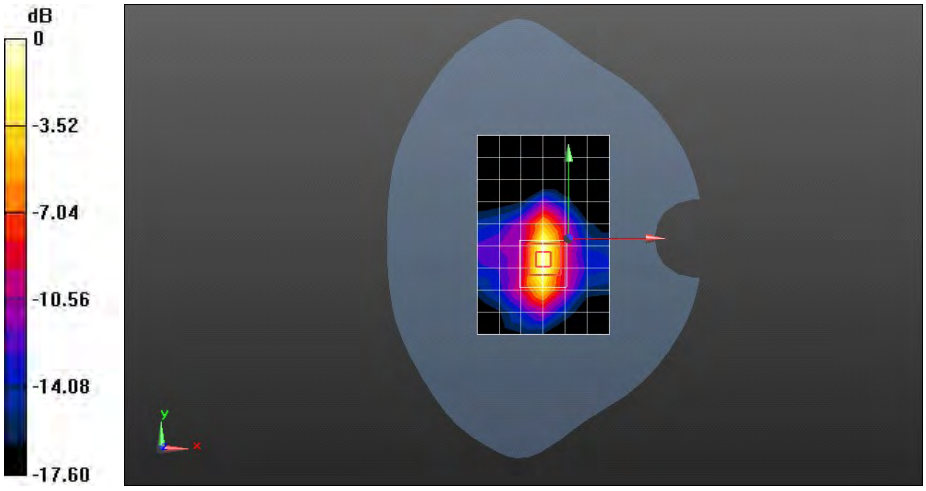
- Probe: ES3DV3 - SN3168; ConvF(6.12, 6.12, 6.12); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.593 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.78 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.959 W/kg
SAR(1 g) = 0.486 W/kg; SAR(10 g) = 0.235 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.629 W/kg



0 dB = 0.629 W/kg = -2.01 dBW/kg

Date: 2015-3-17

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 UMTS Band IV 1513CH Left hand touch cheek with SIM1 and battery 2#-Main Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

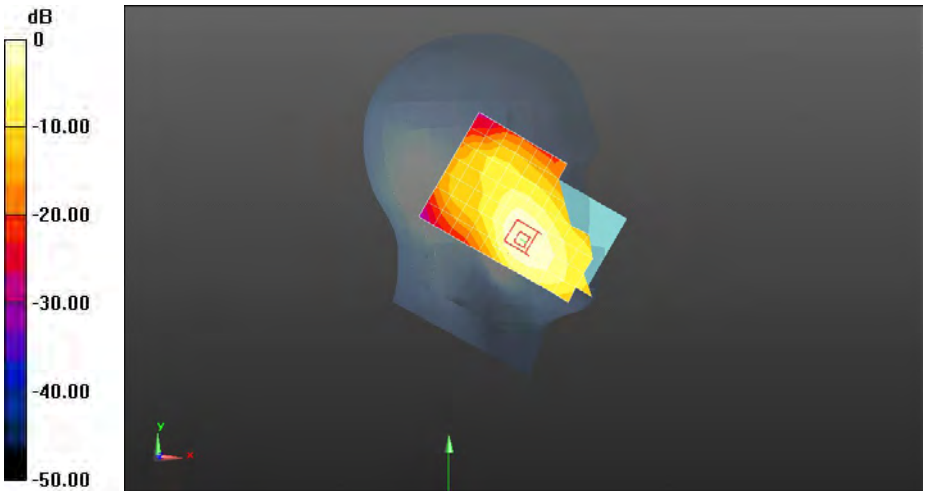
Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1753 MHz; σ = 1.407 S/m; ε_r = 38.712; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(8.03, 8.03, 8.03); Calibrated: 2014-7-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.870 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.569 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.760 W/kg; SAR(10 g) = 0.479 W/kg
Maximum value of SAR (measured) = 0.883 W/kg



0 dB = 0.870 W/kg = -0.60 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 UMTS Band IV 1513CH Right hand touch cheek with SIM2-Second Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

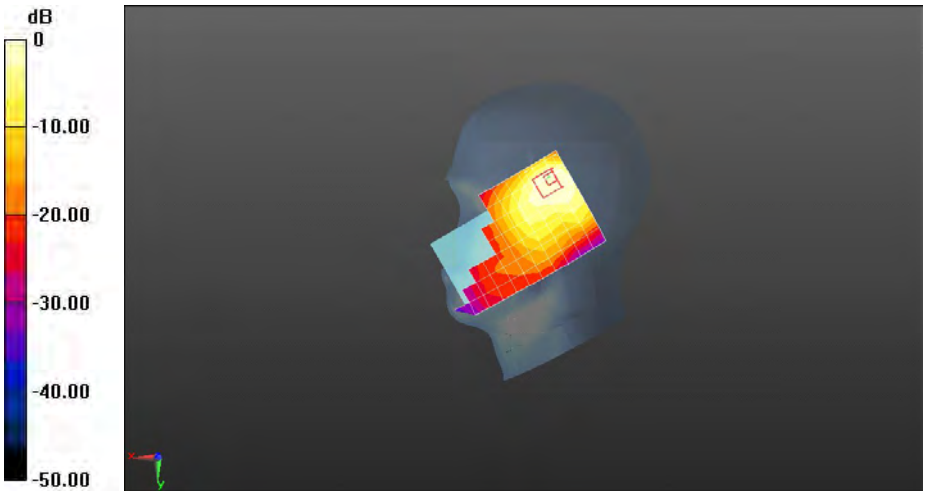
Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1753 MHz; σ = 1.407 S/m; ε_r = 38.712; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(8.03, 8.03, 8.03); Calibrated: 2014-7-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.986 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.13 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 2.53 W/kg
SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.553 W/kg
Maximum value of SAR (measured) = 1.41 W/kg



0 dB = 0.986 W/kg = -0.06 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 UMTS Band IV 1413CH Back side 15mm with SIM1 and battery 2#-Main Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

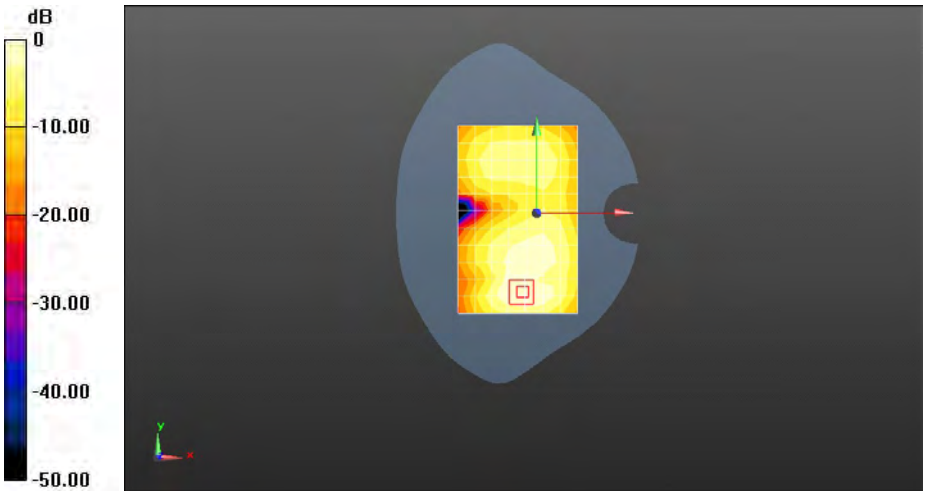
Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1733 MHz; σ = 1.513 S/m; ε_r = 51.63; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.28, 7.28, 7.28); Calibrated: 2014-7-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.496 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.953 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.707 W/kg
SAR(1 g) = 0.431 W/kg; SAR(10 g) = 0.249 W/kg
Maximum value of SAR (measured) = 0.527 W/kg



0 dB = 0.496 W/kg = -3.05 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 UMTS Band IV 1413CH Back side 15mm with SIM1-Second Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

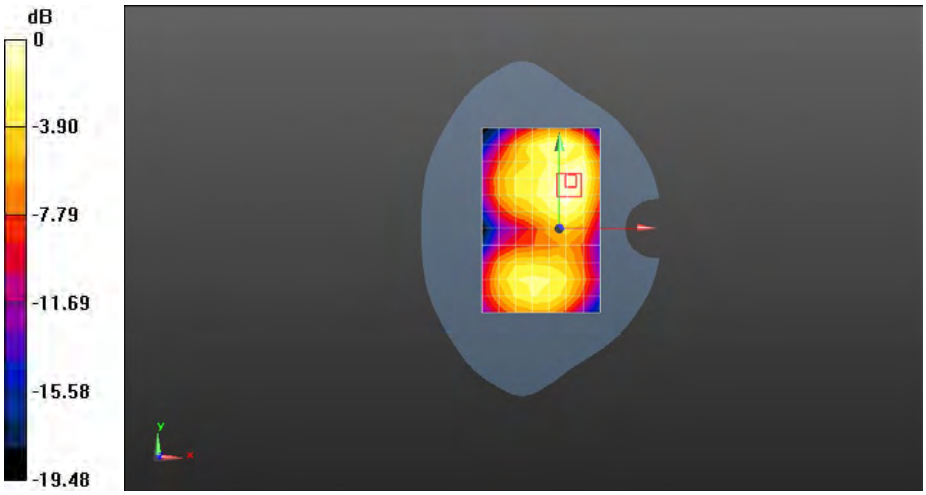
Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1733 MHz; σ = 1.513 S/m; ε_r = 51.63; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.28, 7.28, 7.28); Calibrated: 2014-7-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.133 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.897 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.186 W/kg
SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.074 W/kg
Maximum value of SAR (measured) = 0.141 W/kg



0 dB = 0.133 W/kg = -8.76 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 UMTS Band IV 1513CH Bottom side 10mm with SIM2 and battery 2#-Main Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

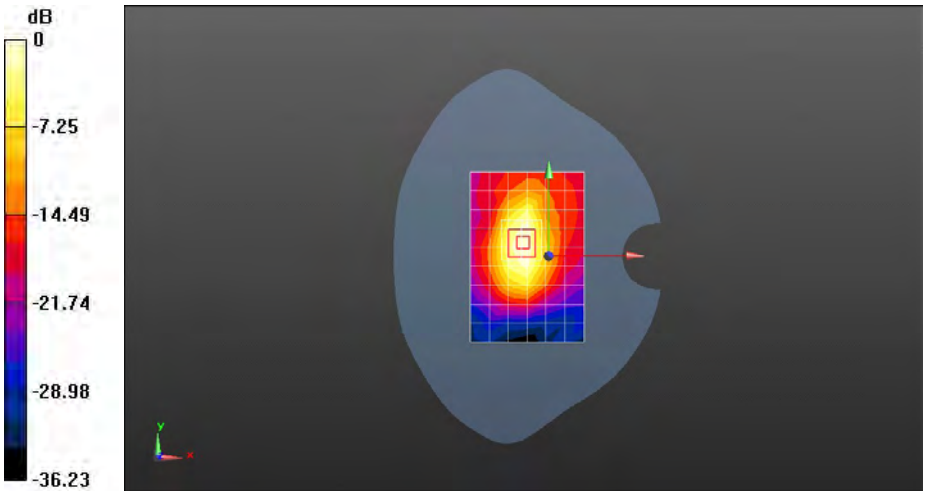
Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1753 MHz; σ = 1.531 S/m; ε_r = 51.57; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.28, 7.28, 7.28); Calibrated: 2014-7-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.40 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.07 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 2.16 W/kg
SAR(1 g) = 1.27 W/kg; SAR(10 g) = 0.676 W/kg
Maximum value of SAR (measured) = 1.58 W/kg



0 dB = 1.40 W/kg = 1.46 dBW/kg

Date: 2015-3-18

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 UMTS Band IV 1413CH Top side 10mm with SIM1-Second Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

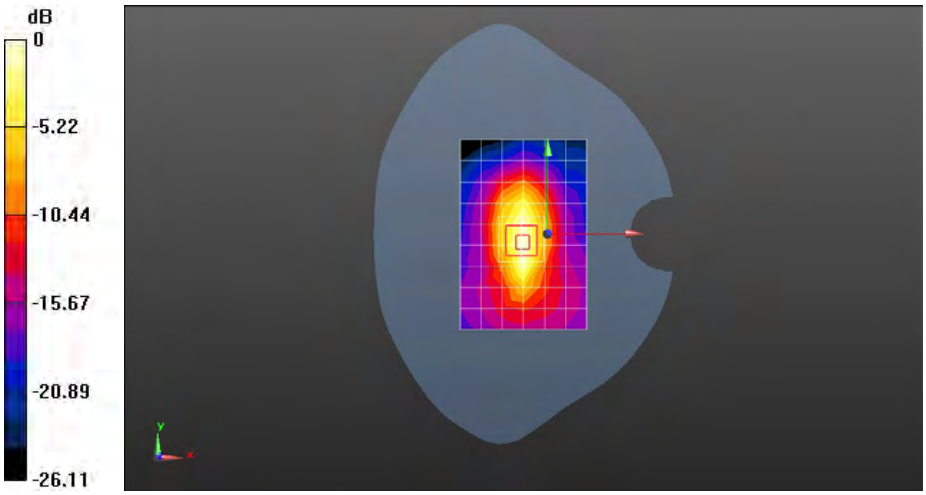
Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1733 MHz; σ = 1.513 S/m; ε_r = 51.63; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.28, 7.28, 7.28); Calibrated: 2014-7-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.661 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.47 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.923 W/kg
SAR(1 g) = 0.527 W/kg; SAR(10 g) = 0.275 W/kg
Maximum value of SAR (measured) = 0.657 W/kg



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

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 UMTS Band II 9262CH Left hand touch cheek with SIM2-Main Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.348 S/m; ε_r = 38.847; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

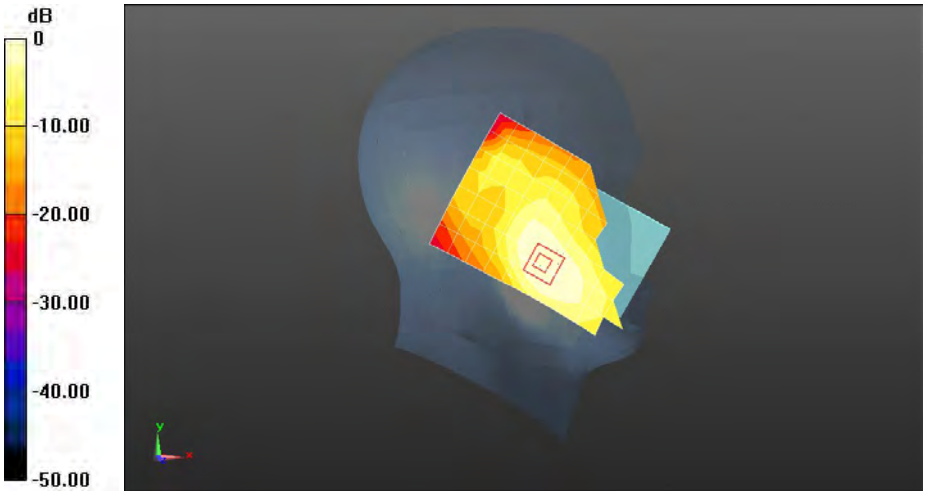
- Probe: EX3DV4 - SN3744; ConvF(7.6, 7.6, 7.6); Calibrated: 2014-7-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.799 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.925 W/kg
SAR(1 g) = 0.621 W/kg; SAR(10 g) = 0.398 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.720 W/kg



0 dB = 0.669 W/kg = -1.75 dBW/kg

Date: 2015-3-21

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 UMTS Band II 9262CH Right hand touch cheek with SIM1-Second Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.348 S/m; ε_r = 38.847; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

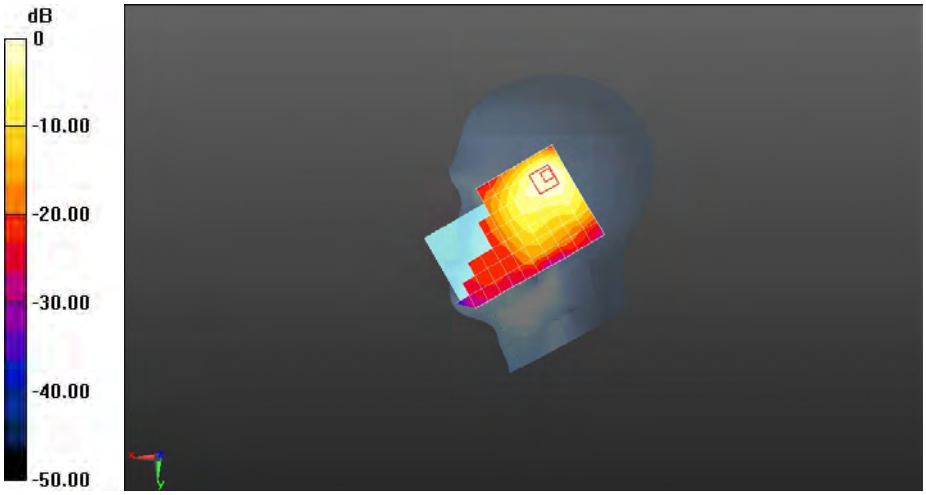
- Probe: EX3DV4 - SN3744; ConvF(7.6, 7.6, 7.6); Calibrated: 2014-7-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.838 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.29 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.99 W/kg
SAR(1 g) = 0.861 W/kg; SAR(10 g) = 0.440 W/kg

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



0 dB = 0.838 W/kg = -0.77 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 UMTS Band II 9538CH Front side 15mm with SIM1-Main Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

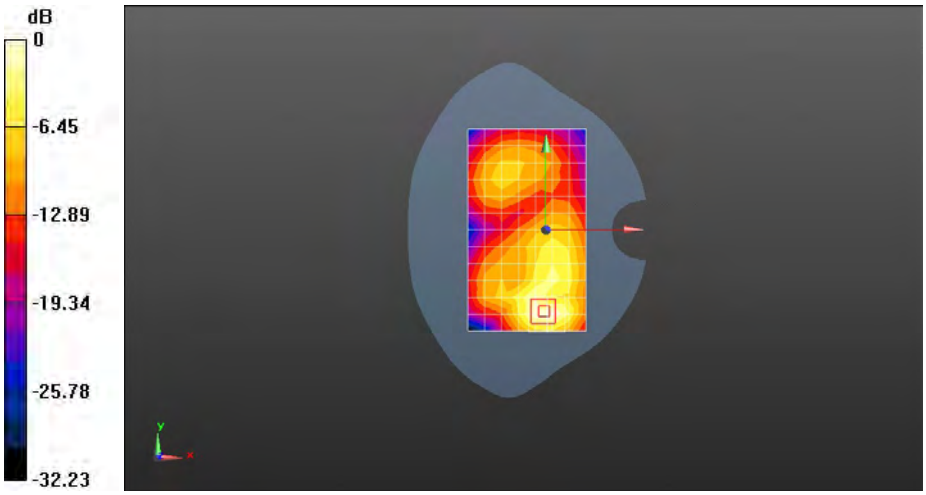
Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1908 MHz; σ = 1.59 S/m; ε_r = 52.116; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.17, 7.17, 7.17); Calibrated: 2014-7-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.829 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.451 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 0.788 W/kg; SAR(10 g) = 0.399 W/kg
Maximum value of SAR (measured) = 0.905 W/kg



0 dB = 0.829 W/kg = -0.81 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 UMTS Band II 9400CH Front side 15mm with SIM2-Second Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

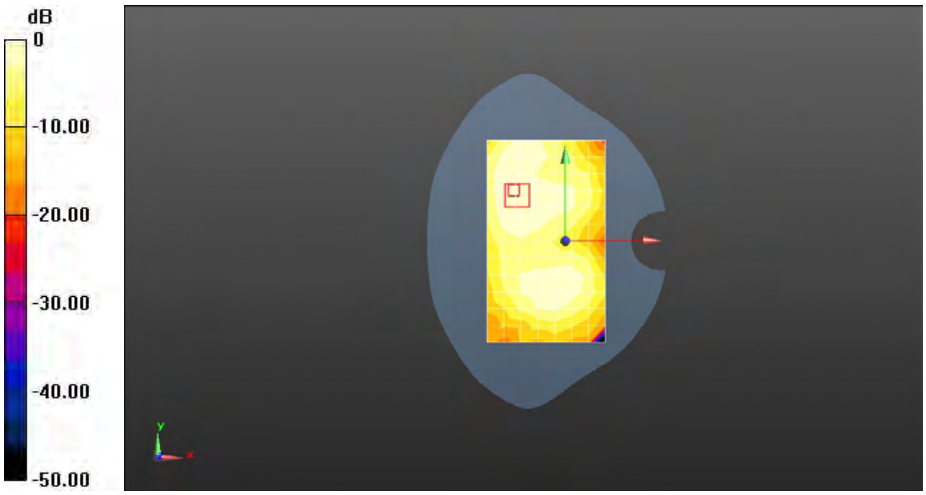
Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.558 S/m; ε_r = 52.231; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.17, 7.17, 7.17); Calibrated: 2014-7-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0581 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.871 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.0770 W/kg
SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.031 W/kg
Maximum value of SAR (measured) = 0.0580 W/kg



0 dB = 0.0581 W/kg = -12.36 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 UMTS Band II 9262CH Bottom side 10mm-Main Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.53 S/m; ε_r = 52.273; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

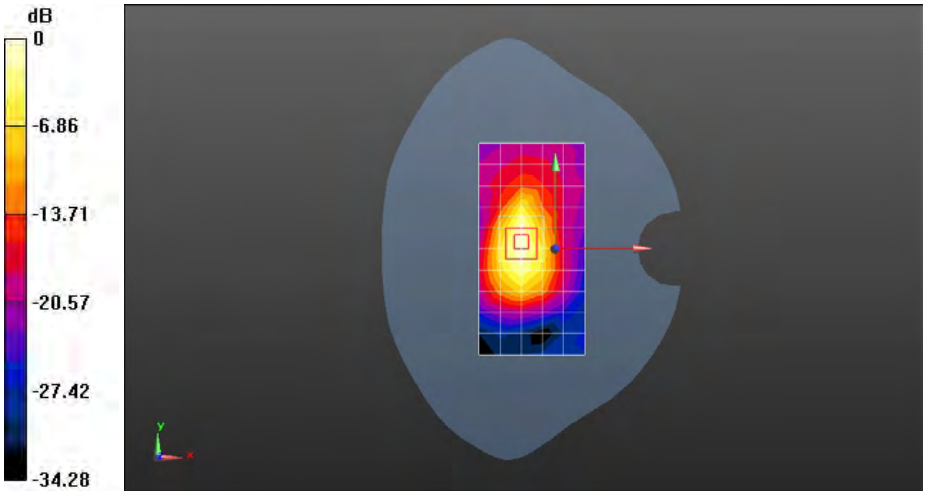
- Probe: EX3DV4 - SN3744; ConvF(7.17, 7.17, 7.17); Calibrated: 2014-7-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.18 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.49 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 1.73 W/kg
SAR(1 g) = 0.973 W/kg; SAR(10 g) = 0.495 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.23 W/kg



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

Date: 2015-3-26

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 UMTS Band II 9400CH Left side 10mm with SIM1-Second Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

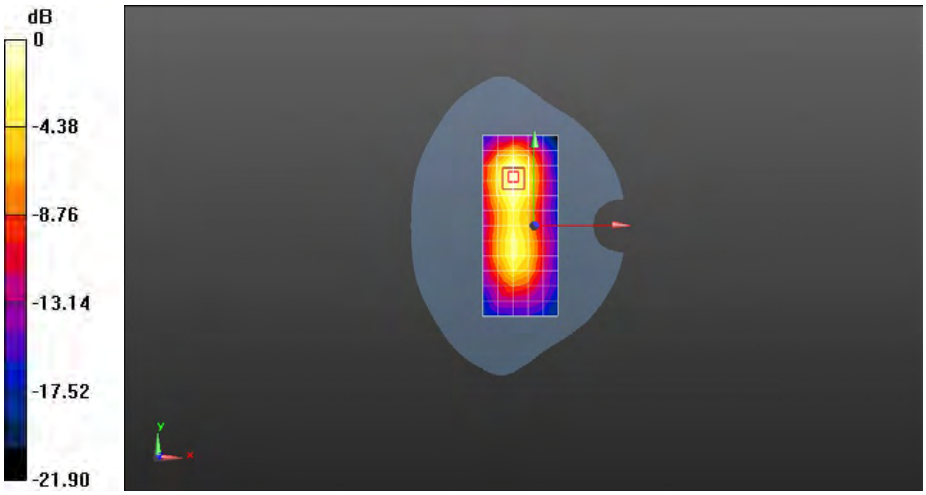
Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.558 S/m; ε_r = 52.231; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.17, 7.17, 7.17); Calibrated: 2014-7-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.161 W/kg

Configuration/Body/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.801 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.224 W/kg
SAR(1 g) = 0.135 W/kg; SAR(10 g) = 0.076 W/kg
Maximum value of SAR (measured) = 0.163 W/kg



0 dB = 0.161 W/kg = -7.93 dBW/kg

Date: 2015-3-19

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 LTE Band IV 20M QPSK 1RB#50 20300CH Left hand touch cheek with SIM2-Main Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

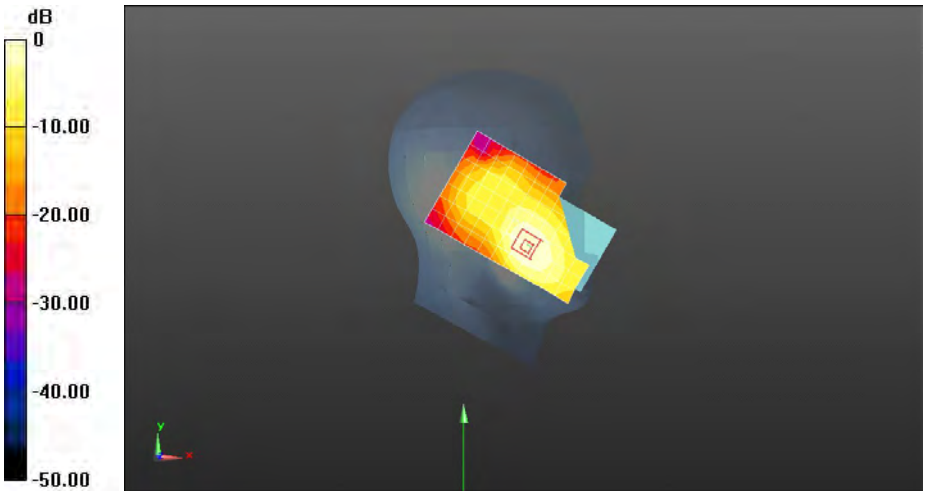
Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.4 S/m; ε_r = 38.771; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(8.03, 8.03, 8.03); Calibrated: 2014-7-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.693 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.127 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.903 W/kg
SAR(1 g) = 0.604 W/kg; SAR(10 g) = 0.385 W/kg
Maximum value of SAR (measured) = 0.686 W/kg



0 dB = 0.693 W/kg = -1.59 dBW/kg

Date: 2015-3-19

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 LTE Band IV 20M QPSK 1RB#0 20050CH Right hand touch cheek with SIM1-Second Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

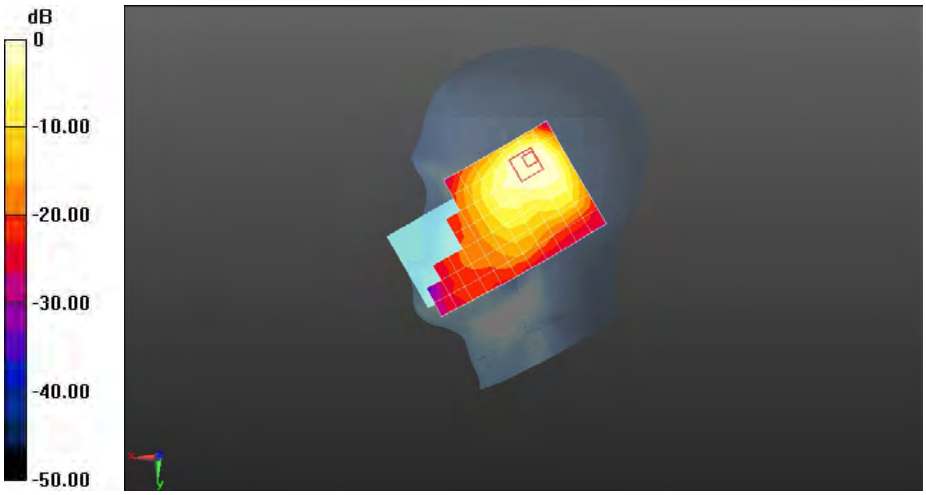
Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1720 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1720 MHz; σ = 1.374 S/m; ε_r = 38.923; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(8.03, 8.03, 8.03); Calibrated: 2014-7-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.03 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.75 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 2.57 W/kg
SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.568 W/kg
Maximum value of SAR (measured) = 1.38 W/kg



0 dB = 1.03 W/kg = 0.13 dBW/kg

Date: 2015-3-20

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 LTE Band IV 20M QPSK 1RB#0 20050CH Back side 15mm with SIM2 and battery 2#-Main Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

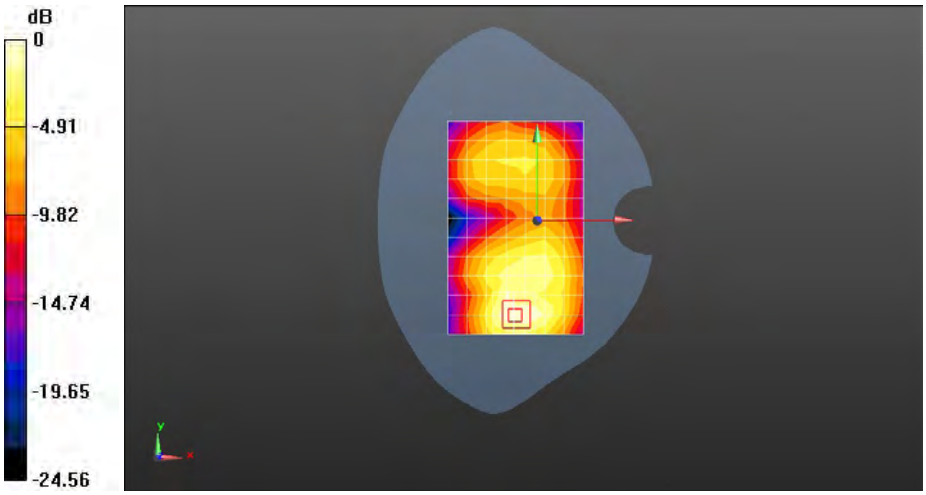
Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1720 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1720 MHz; σ = 1.501 S/m; ε_r = 51.671; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.28, 7.28, 7.28); Calibrated: 2014-7-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.457 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.419 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.610 W/kg
SAR(1 g) = 0.381 W/kg; SAR(10 g) = 0.221 W/kg
Maximum value of SAR (measured) = 0.461 W/kg



0 dB = 0.457 W/kg = -3.40 dBW/kg

Date: 2015-3-19

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 LTE Band IV 20M QPSK 1RB#50 20300CH Back side 15mm with SIM1-Second Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

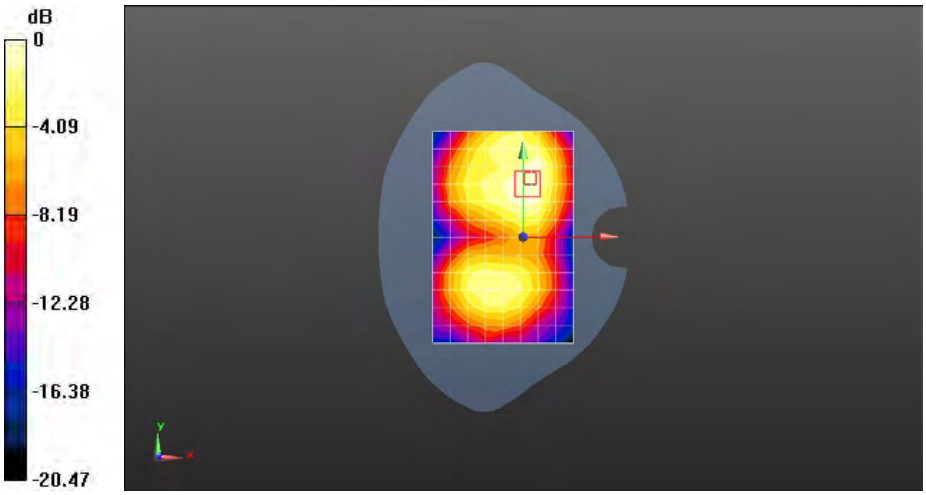
Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.523 S/m; ε_r = 51.593; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.28, 7.28, 7.28); Calibrated: 2014-7-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.122 W/kg

Configuration/Body/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.562 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.189 W/kg
SAR(1 g) = 0.122 W/kg; SAR(10 g) = 0.076 W/kg
Maximum value of SAR (measured) = 0.143 W/kg



0 dB = 0.122 W/kg = -9.14 dBW/kg

Date: 2015-3-20

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 LTE Band IV 20M QPSK 1RB#50 20300CH Bottom side 10mm with SIM1-Main Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

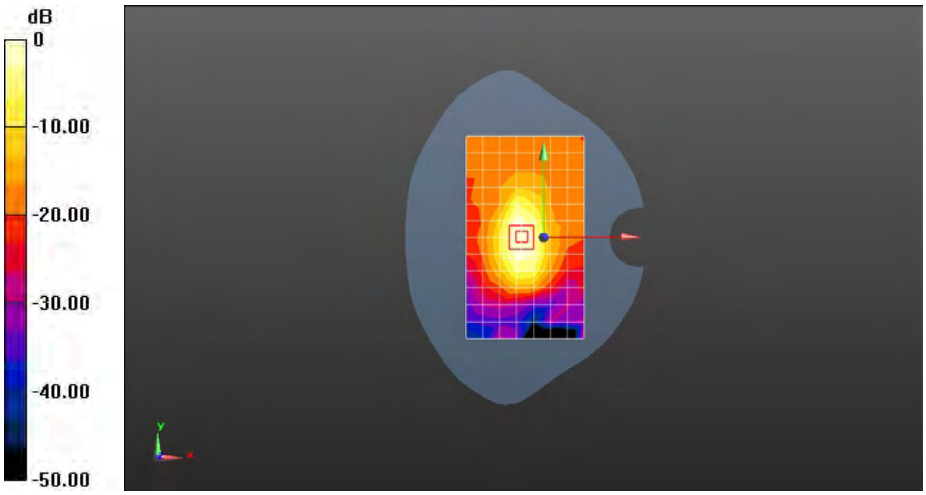
Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.523 S/m; ε_r = 51.593; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.28, 7.28, 7.28); Calibrated: 2014-7-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.975 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.61 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 1.62 W/kg
SAR(1 g) = 0.939 W/kg; SAR(10 g) = 0.495 W/kg
Maximum value of SAR (measured) = 1.15 W/kg



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

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 LTE Band IV 20M QPSK 1B#50 20300CH Top side 10mm with SIM2-Second Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

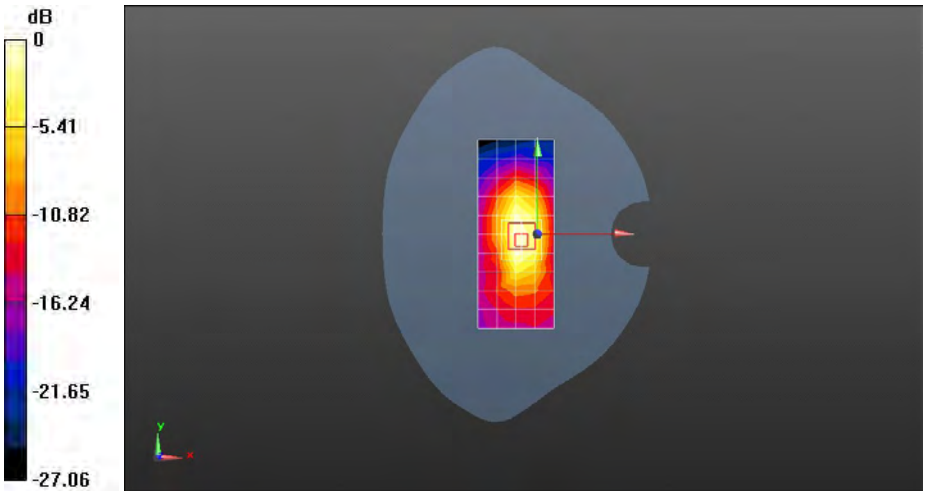
Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.523 S/m; ε_r = 51.593; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.28, 7.28, 7.28); Calibrated: 2014-7-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (5x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.556 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.49 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.958 W/kg
SAR(1 g) = 0.544 W/kg; SAR(10 g) = 0.285 W/kg
Maximum value of SAR (measured) = 0.689 W/kg



0 dB = 0.556 W/kg = -2.55 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 LTE Band VII 20M QPSK 1RB#50 21350CH Right hand touch cheek with SIM1 and Battery 2#-Main Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

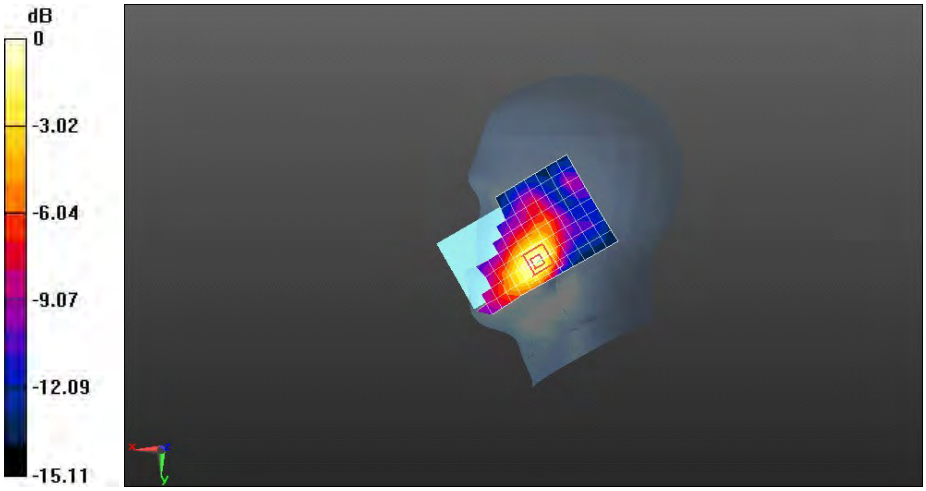
Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2560 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2560 MHz; σ = 1.855 S/m; ε_r = 38.932; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.43, 4.43, 4.43); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (9x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.583 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.914 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.829 W/kg
SAR(1 g) = 0.489 W/kg; SAR(10 g) = 0.276 W/kg
Maximum value of SAR (measured) = 0.604 W/kg



0 dB = 0.604 W/kg = -2.19 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 LTE Band VII 20M QPSK 50%RB#50 20850CH Right hand tilted 15 degree with SIM1 and Battery 2#-Second Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

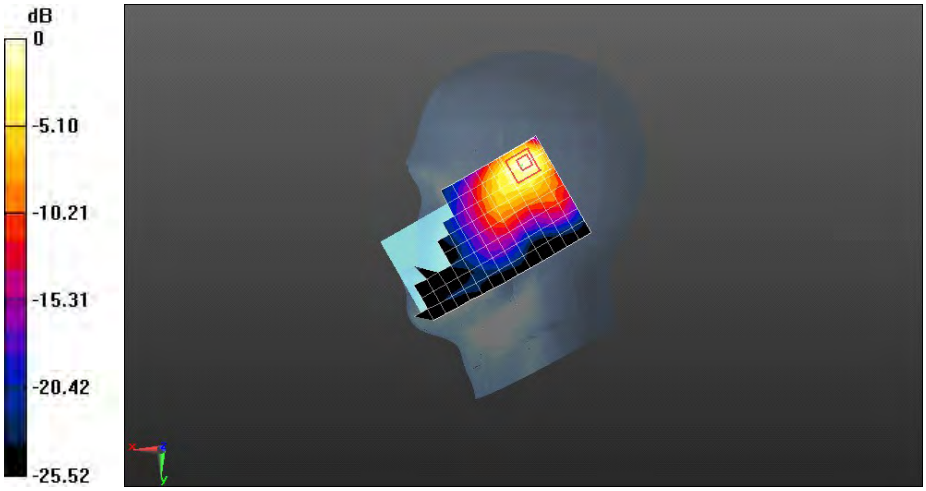
Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2510 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2510 MHz; σ = 1.801 S/m; ε_r = 39.102; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.43, 4.43, 4.43); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 1.09 W/kg

Configuration/Head/Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.065 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 2.10 W/kg
SAR(1 g) = 0.860 W/kg; SAR(10 g) = 0.397 W/kg
Maximum value of SAR (measured) = 1.13 W/kg



0 dB = 1.13 W/kg = 0.52 dBW/kg

Date: 2015-3-25

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 LTE Band VII 20M QPSK 1RB#50 21350CH Back Side 15mm with SIM1 and Battery 2#-Main Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

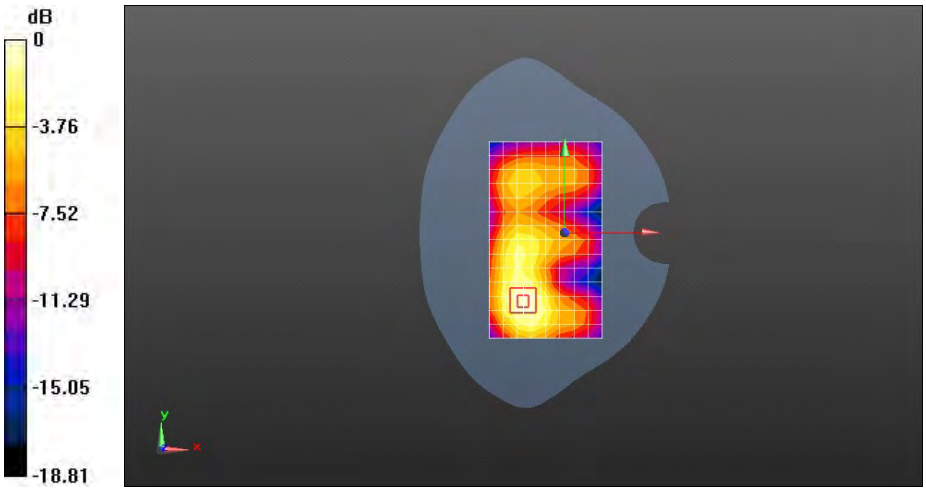
Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2560 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2560 MHz; σ = 2.096 S/m; ε_r = 52.397; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.14, 4.14, 4.14); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.325 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.512 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.566 W/kg
SAR(1 g) = 0.277 W/kg; SAR(10 g) = 0.148 W/kg
Maximum value of SAR (measured) = 0.345 W/kg



0 dB = 0.345 W/kg = -4.63 dBW/kg

Date: 2015-3-26

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 LTE Band VII 20M QPSK 50%RB#0 21350CH Back Side 15mm with SIM1-Second Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

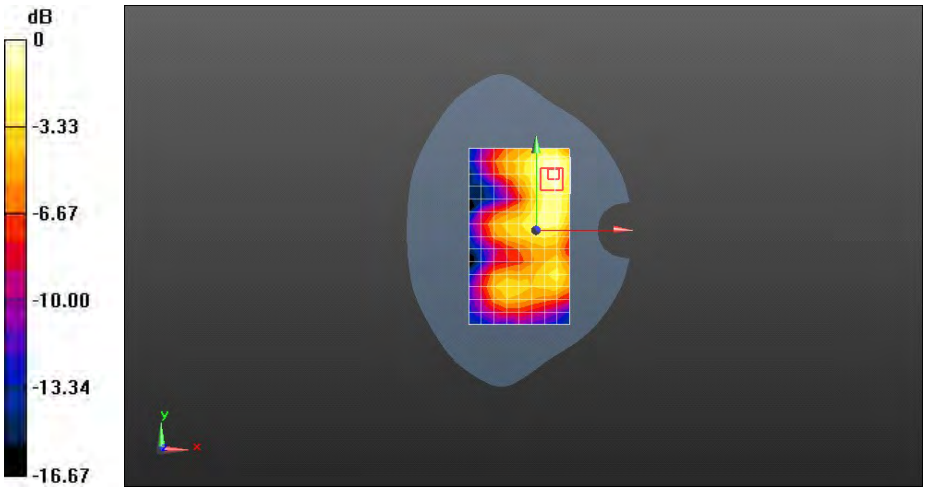
Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2560 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2560 MHz; σ = 2.096 S/m; ε_r = 52.397; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.14, 4.14, 4.14); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.0843 W/kg

Configuration/Body/Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.414 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.130 W/kg
SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.032 W/kg
Maximum value of SAR (measured) = 0.0862 W/kg



0 dB = 0.0862 W/kg = -10.64 dBW/kg

Date: 2015-3-25

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 LTE Band VII 20M QPSK 1RB#50 21350CH Back Side 10mm with SIM2-Main Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

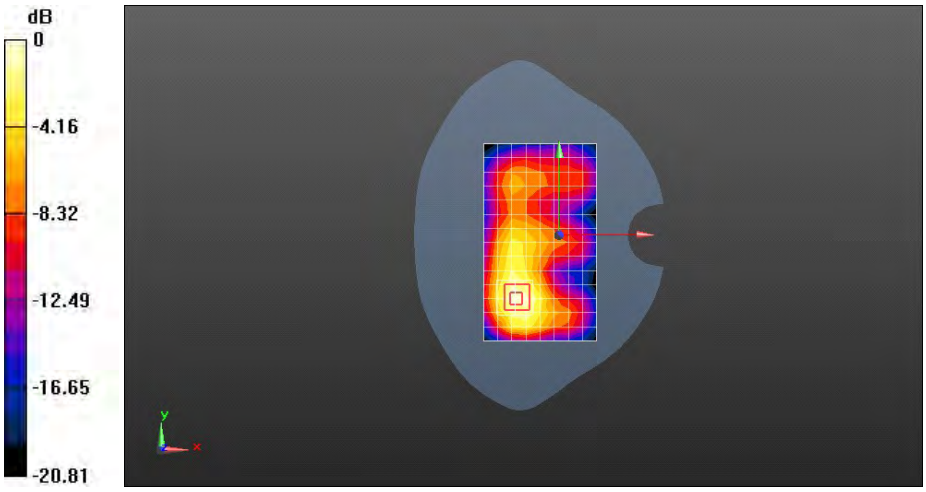
Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2560 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2560 MHz; σ = 2.096 S/m; ε_r = 52.397; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.14, 4.14, 4.14); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.724 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.638 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.20 W/kg
SAR(1 g) = 0.579 W/kg; SAR(10 g) = 0.295 W/kg
Maximum value of SAR (measured) = 0.731 W/kg



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

Date: 2015-3-26

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 LTE BandVII 20M QPSK 1RB#50 21350CH Back Side 10mm with SIM1 and Battery 2#-Second Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

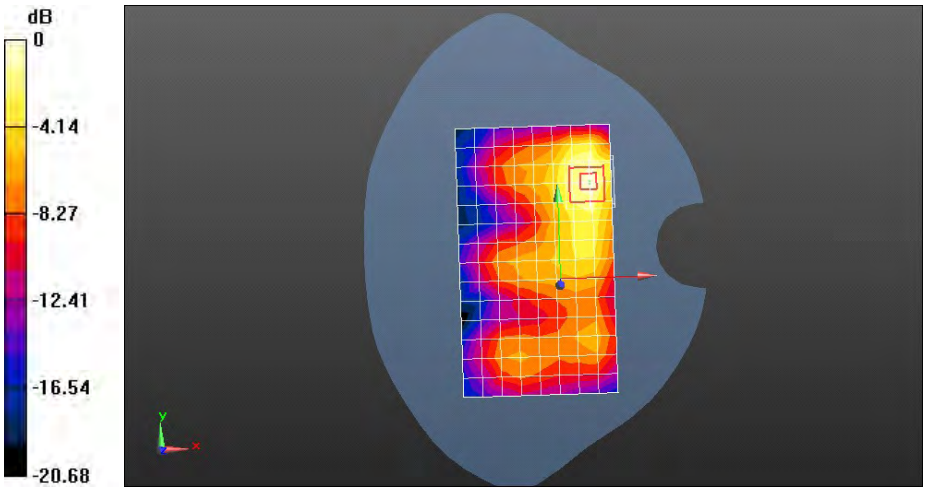
Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2560 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2560 MHz; σ = 2.096 S/m; ε_r = 52.397; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.14, 4.14, 4.14); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.193 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.450 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.350 W/kg
SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.071 W/kg
Maximum value of SAR (measured) = 0.196 W/kg



0 dB = 0.193 W/kg = -7.15 dBW/kg

Date: 2015-3-24

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 LTE Band XXXVIII 20M QPSK 1RB#0 38150CH Right hand touch cheek with SIM1-Main Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

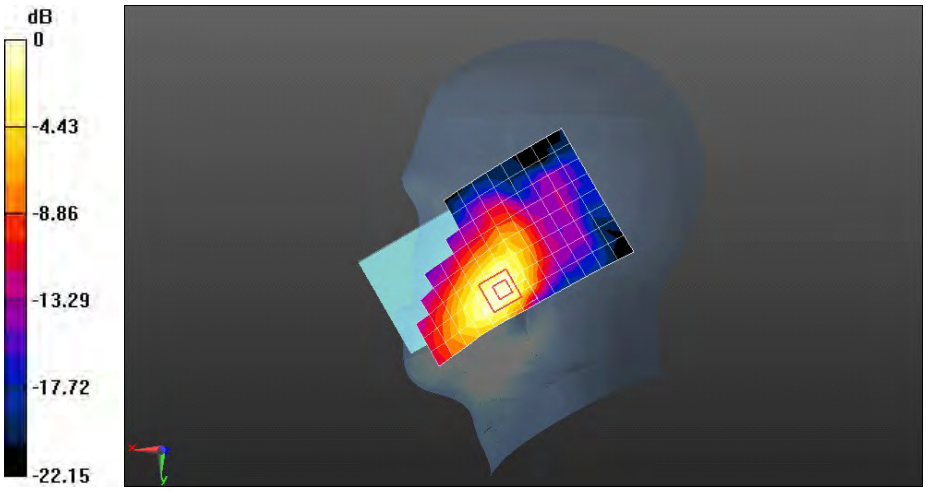
Communication System: UID 0, LTE-TDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2610 MHz;Duty Cycle: 1:1.57943
Medium parameters used: f = 2610 MHz; σ = 1.907 S/m; ε_r = 38.788; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.43, 4.43, 4.43); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.359 W/kg

Configuration/Head/Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.188 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.572 W/kg
SAR(1 g) = 0.324 W/kg; SAR(10 g) = 0.176 W/kg
Maximum value of SAR (measured) = 0.403 W/kg



0 dB = 0.403 W/kg = -3.95 dBW/kg

Date: 2015-3-28

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 LTE Band XXXVIII 20M QPSK 1RB#50 37850CH Right hand touch cheek with SIM2 and Battery 2#-Second Antenna Repeated

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, LTE-TDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2580 MHz;Duty Cycle: 1:1.57943
Medium parameters used: f = 2580 MHz; σ = 1.941 S/m; ε_r = 38.777; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

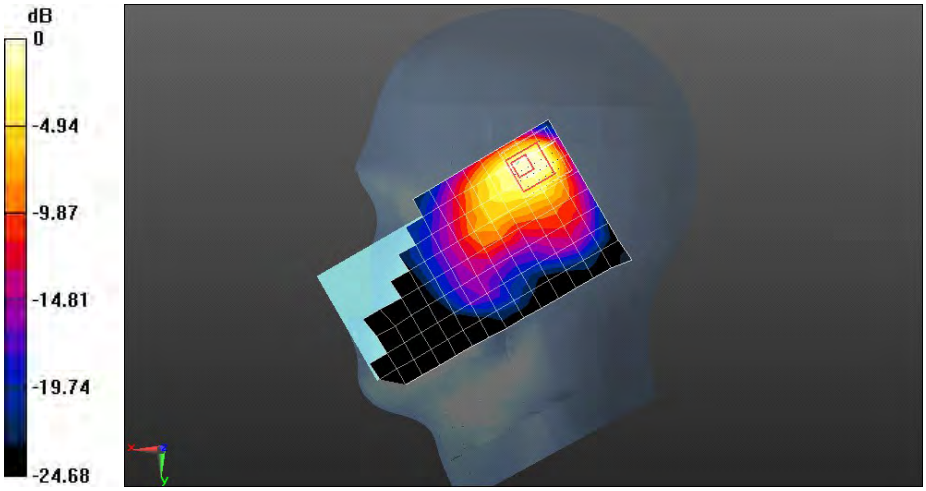
- Probe: ES3DV3 - SN3168; ConvF(4.43, 4.43, 4.43); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.43 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.801 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 3.00 W/kg
SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.535 W/kg

Maximum value of SAR (measured) = 1.52 W/kg



0 dB = 1.52 W/kg = 1.82 dBW/kg

Date: 2015-3-25

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 LTE Band XXXVIII 38000CH 1RB#50 Back Side 15mm with SIM1 and Battery 2#-Main Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

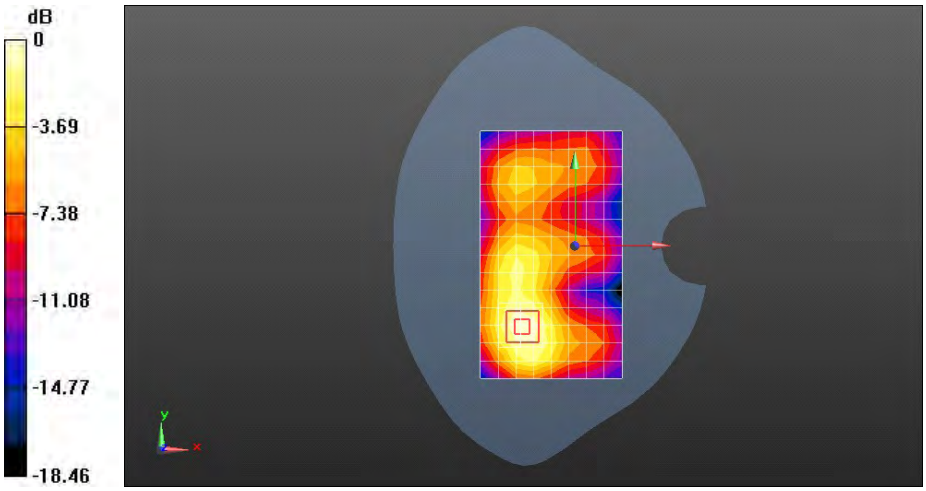
Communication System: UID 0, LTE-TDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2595 MHz;Duty Cycle: 1:1.57943
Medium parameters used: f = 2595 MHz; σ = 2.136 S/m; ε_r = 52.325; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.14, 4.14, 4.14); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.230 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.122 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.400 W/kg
SAR(1 g) = 0.189 W/kg; SAR(10 g) = 0.100 W/kg
Maximum value of SAR (measured) = 0.237 W/kg



0 dB = 0.237 W/kg = -6.26 dBW/kg

Date: 2015-4-3

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 LTE BandXXXVIII 20M QPSK 1RB#50 38150CH Back Side 15mm with SIM1-Second Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, LTE-TDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2610 MHz;Duty Cycle: 1:1.57943
Medium parameters used: f = 2610 MHz; σ = 2.239 S/m; ε_r = 52.446; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

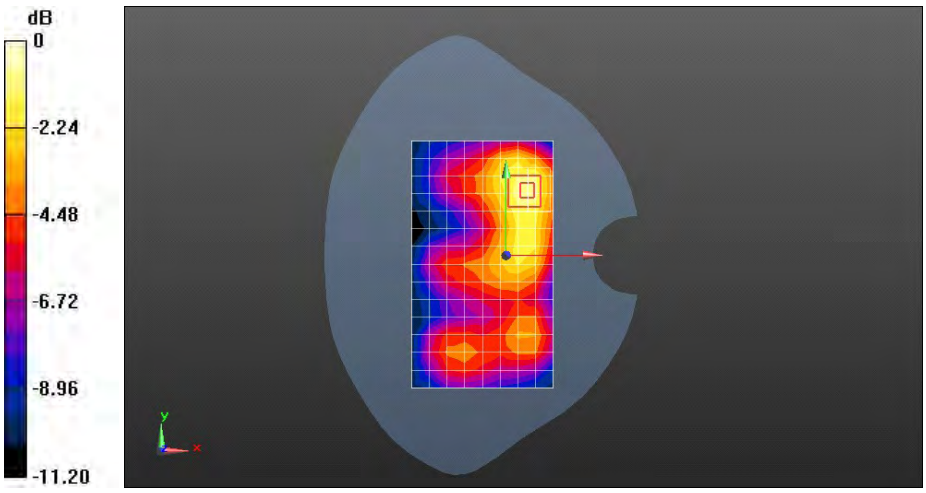
- Probe: ES3DV3 - SN3168; ConvF(4.14, 4.14, 4.14); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x15x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.109 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.924 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.225 W/kg
SAR(1 g) = 0.111 W/kg; SAR(10 g) = 0.063 W/kg

Maximum value of SAR (measured) = 0.139 W/kg



0 dB = 0.139 W/kg = -8.57 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 LTE Band XXXVIII 20M QPSK 1RB#50 38000CH Back Side 10mm with SIM1 and Battery 2#-Main Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

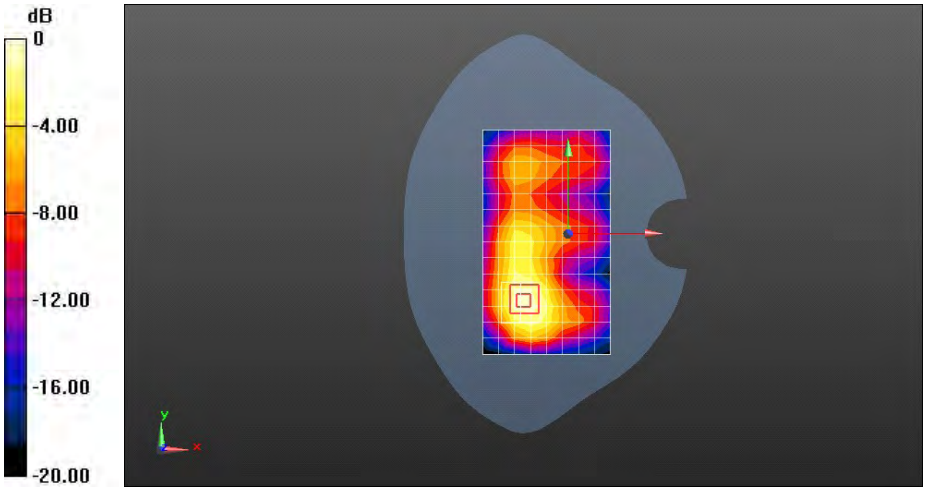
Communication System: UID 0, LTE-TDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2595 MHz;Duty Cycle: 1:1.57943
Medium parameters used: f = 2595 MHz; σ = 2.136 S/m; ε_r = 52.325; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.14, 4.14, 4.14); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.469 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.619 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.859 W/kg
SAR(1 g) = 0.412 W/kg; SAR(10 g) = 0.211 W/kg
Maximum value of SAR (measured) = 0.518 W/kg



0 dB = 0.518 W/kg = -2.86 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 LTE Band XXXVIII 20M QPSK 1RB#50 38150CH Left Side 10mm with SIM1 and Battery 2#-Second Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

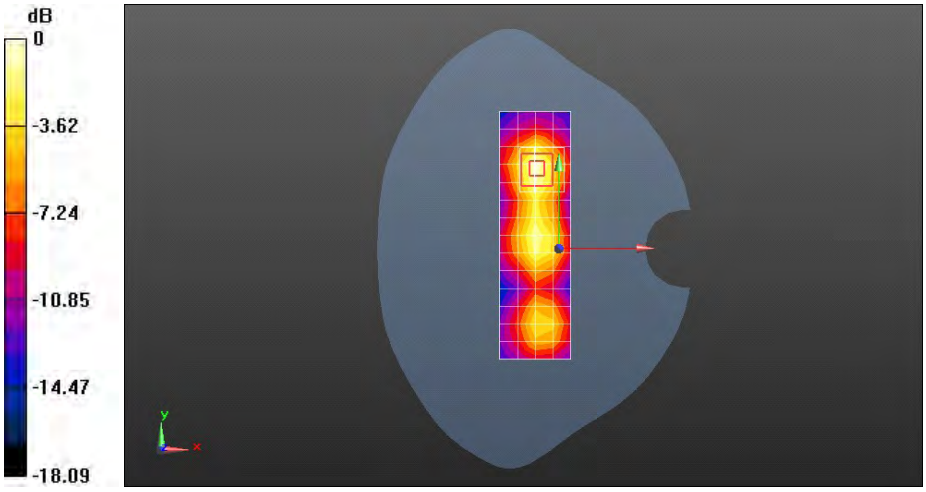
Communication System: UID 0, LTE-TDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2610 MHz;Duty Cycle: 1:1.57943
Medium parameters used: f = 2610 MHz; σ = 2.239 S/m; ε_r = 52.446; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.14, 4.14, 4.14); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (5x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.446 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.85 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.667 W/kg
SAR(1 g) = 0.340 W/kg; SAR(10 g) = 0.143 W/kg
Maximum value of SAR (measured) = 0.452 W/kg



0 dB = 0.452 W/kg = -3.45 dBW/kg

Date: 2015-4-2

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 LTE Band XLI 20M QPSK 1RB#50 41140CH Right hand touch cheek with SIM2-Main Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

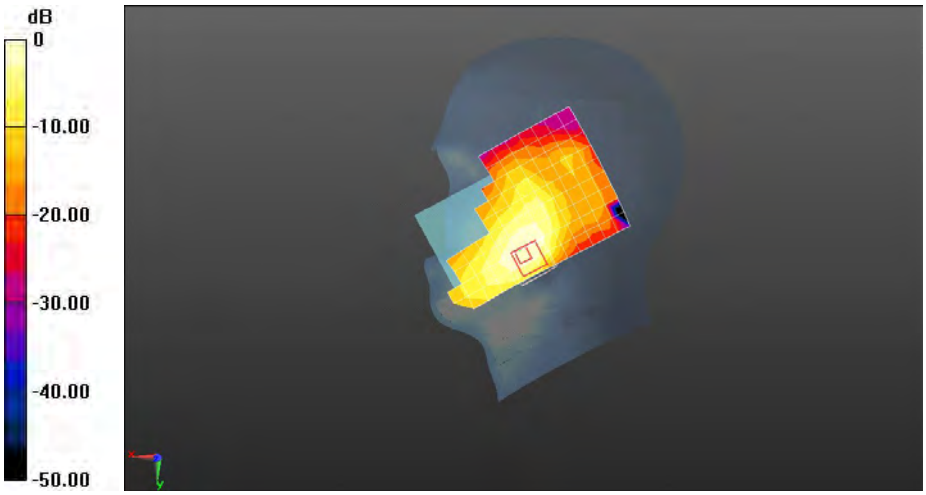
Communication System: UID 0, LTE-TDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2645 MHz;Duty Cycle: 1:1.57943
Medium parameters used: f = 2645 MHz; σ = 2.031 S/m; ε_r = 39.646; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(6.91, 6.91, 6.91); Calibrated: 2014-7-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.535 W/kg

Configuration/Head/Zoom Scan (9x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.330 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 0.411 W/kg; SAR(10 g) = 0.159 W/kg
Maximum value of SAR (measured) = 0.468 W/kg



0 dB = 0.535 W/kg = -2.72 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 LTE Band XLI 20M QPSK 50%RB#50 40340CH Right hand touch cheek with SIM2-Second Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

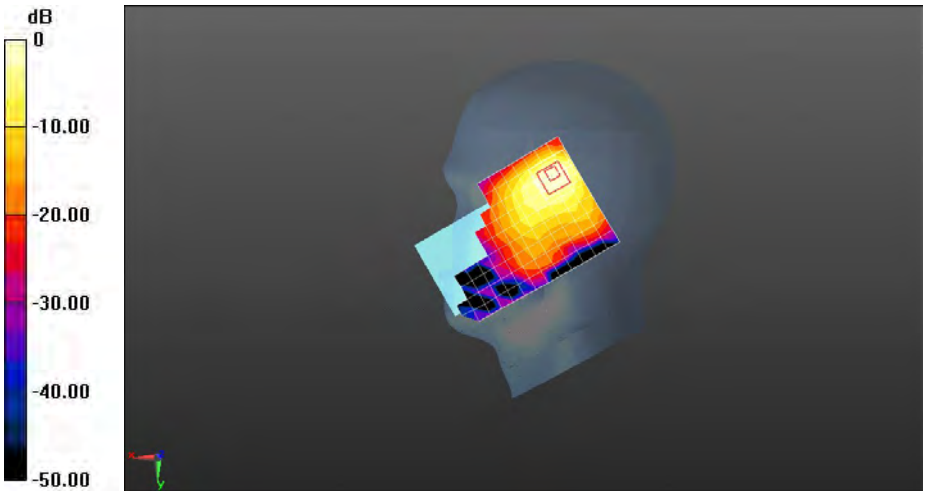
Communication System: UID 0, LTE-TDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2565 MHz;Duty Cycle: 1:1.57943
Medium parameters used: f = 2565 MHz; σ = 1.936 S/m; ε_r = 39.939; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(6.91, 6.91, 6.91); Calibrated: 2014-7-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 1.19 W/kg

Configuration/Head/Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.32 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 2.39 W/kg
SAR(1 g) = 0.944 W/kg; SAR(10 g) = 0.436 W/kg
Maximum value of SAR (measured) = 1.22 W/kg



0 dB = 1.19 W/kg = 0.76 dBW/kg

Date: 2015-4-2

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 LTE Band XLI 20M QPSK 1RB#50 41140CH Back Side 15mm with SIM1-Main Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

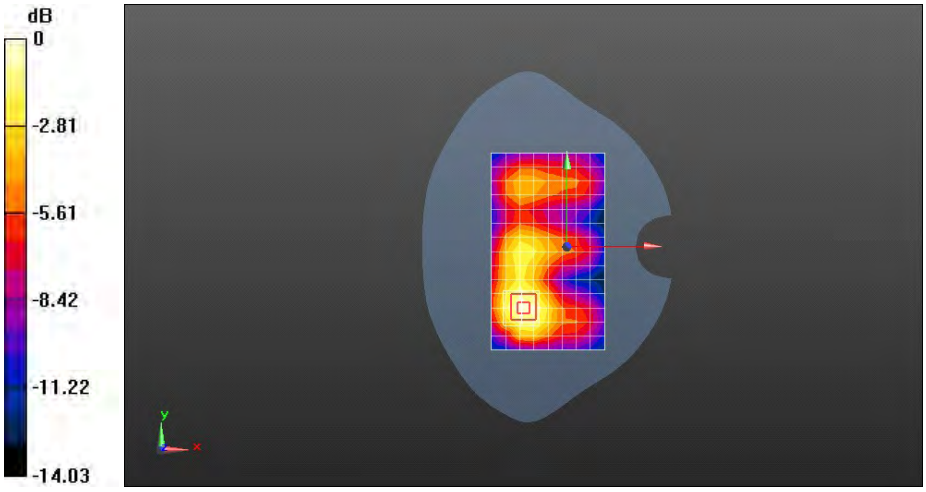
Communication System: UID 0, LTE-TDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2645 MHz;Duty Cycle: 1:1.57943
Medium parameters used: f = 2645 MHz; σ = 2.284 S/m; ε_r = 52.342; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.14, 4.14, 4.14); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.262 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.090 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.424 W/kg
SAR(1 g) = 0.212 W/kg; SAR(10 g) = 0.105 W/kg



0 dB = 0.262 W/kg = -5.81 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 LTE Band XLI 20M QPSK 50%RB#0 41140CH Back Side 15mm with SIM2 and Battery 2#-Second Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

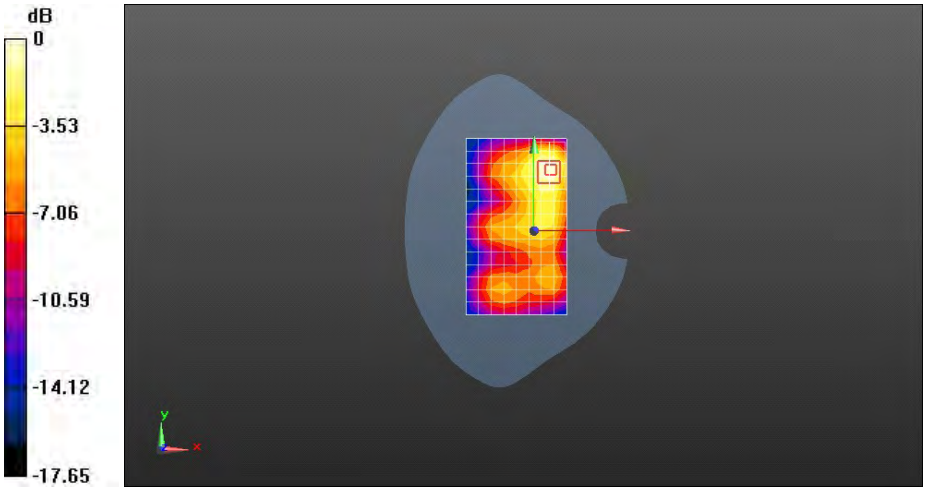
Communication System: UID 0, LTE-TDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2645 MHz;Duty Cycle: 1:1.57943
Medium parameters used: f = 2645 MHz; σ = 2.284 S/m; ε_r = 52.342; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.14, 4.14, 4.14); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.186 W/kg

Configuration/Body/Zoom Scan (7x10x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.687 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.310 W/kg
SAR(1 g) = 0.161 W/kg; SAR(10 g) = 0.074 W/kg
Maximum value of SAR (measured) = 0.205 W/kg



0 dB = 0.205 W/kg = -6.89 dBW/kg

Date: 2015-4-2

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 LTE Band XLI 20M QPSK 1RB#50 41140CH Back Side 10mm with SIM2-Main Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

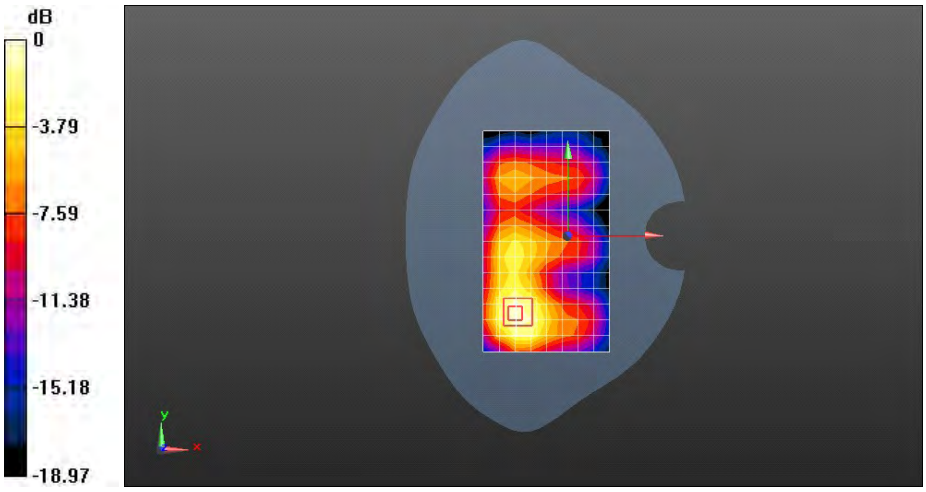
Communication System: UID 0, LTE-TDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2645 MHz;Duty Cycle: 1:1.57943
Medium parameters used: f = 2645 MHz; σ = 2.284 S/m; ε_r = 52.342; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.14, 4.14, 4.14); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.523 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.780 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.00 W/kg
SAR(1 g) = 0.449 W/kg; SAR(10 g) = 0.226 W/kg
Maximum value of SAR (measured) = 0.562 W/kg



0 dB = 0.562 W/kg = -2.50 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 LTE Band XLI 20M QPSK 1RB#50 41140CH Back Side 10mm with SIM1 and Battery 2#-Second Antenna

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

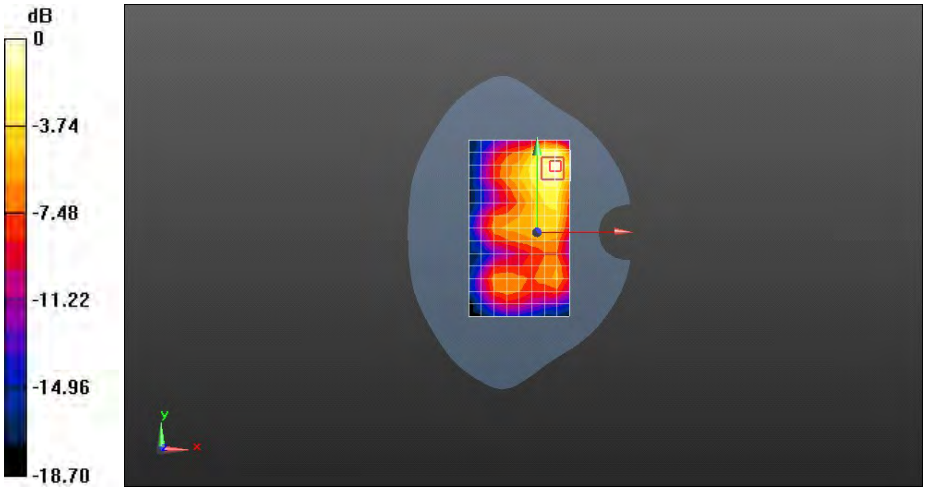
Communication System: UID 0, LTE-TDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2645 MHz;Duty Cycle: 1:1.57943
Medium parameters used: f = 2645 MHz; σ = 2.284 S/m; ε_r = 52.342; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.14, 4.14, 4.14); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.248 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.441 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.374 W/kg
SAR(1 g) = 0.187 W/kg; SAR(10 g) = 0.084 W/kg
Maximum value of SAR (measured) = 0.246 W/kg



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

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 WIFI 2.4G 1CH Left hand tilt 15 degree

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

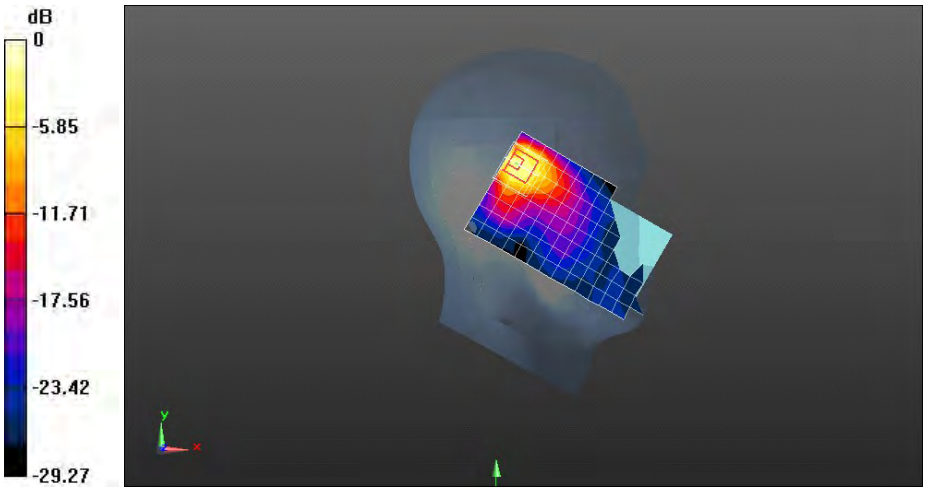
Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.703 S/m; ε_r = 37.447; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.57, 4.57, 4.57); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.726 W/kg

Configuration/Head/Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.879 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 1.96 W/kg
SAR(1 g) = 0.688 W/kg; SAR(10 g) = 0.276 W/kg
Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.06 W/kg = 0.26 dBW/kg

Date: 2015-4-2

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 WIFI 2.4G 11CH Back Side 15mm with battery 2#

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

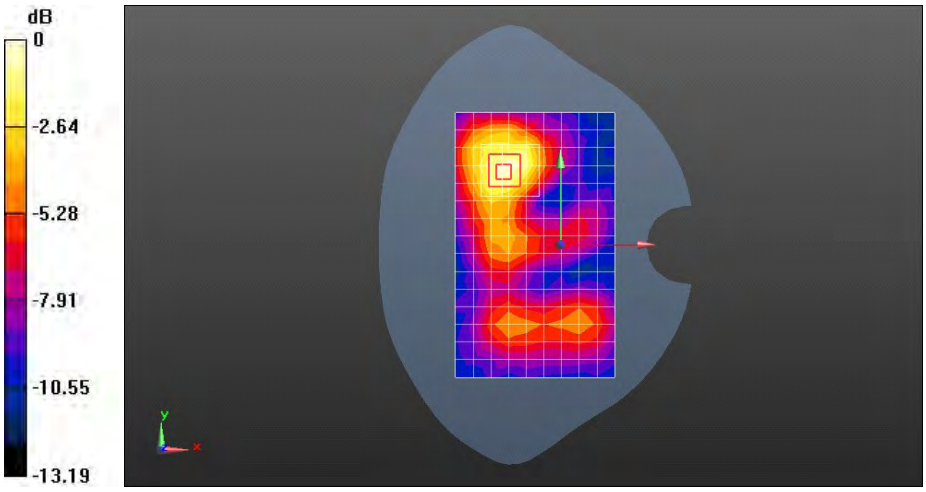
Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.993 S/m; ε_r = 52.093; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.29, 4.29, 4.29); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.0714 W/kg

Configuration/Body/Zoom Scan (9x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.287 V/m; Power Drift = 0.17dB
Peak SAR (extrapolated) = 0.261 W/kg
SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.023 W/kg
Maximum value of SAR (measured) = 0.0764 W/kg



0 dB = 0.0764 W/kg = -11.17 dBW/kg

Date: 2015-4-2

Test Laboratory: HUAWEI SAR/HAC Lab

HUAWEI GRA-UL00 WIFI 2.4G 11CH Back Side 10mm with battery 2#

DUT: HUAWEI GRA-UL00,HUAWEI GRA-UL10; Type: Smart Phone; Serial: SAR1

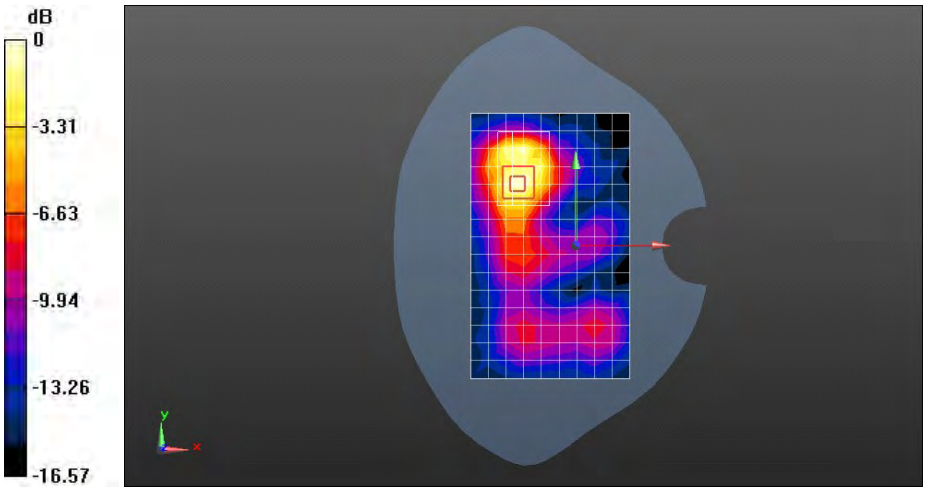
Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.993 S/m; ε_r = 52.093; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.29, 4.29, 4.29); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.197 W/kg

Configuration/Body/Zoom Scan (8x11x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.664 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.433 W/kg
SAR(1 g) = 0.160 W/kg; SAR(10 g) = 0.070 W/kg
Maximum value of SAR (measured) = 0.212 W/kg



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