Appendix B. SAR Measurement Plots

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Test Laboratory: HUAWEI SAR Lab

U9510E GSM850 190CH Left hand touch cheek

DUT: U9510E; Type: HSHSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

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

Medium parameters used: f = 837 MHz; σ = 0.914 mho/m; ε_r = 41.429; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.01, 9.01, 9.01); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.269 mW/g

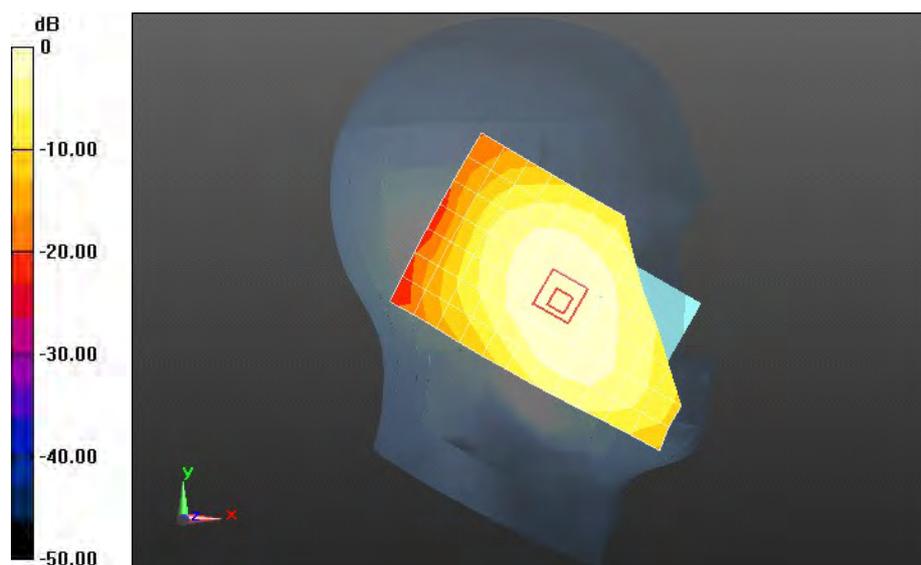**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.375 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.322 mW/g
SAR(1 g) = 0.263 mW/g; SAR(10 g) = 0.200 mW/g

Maximum value of SAR (measured) = 0.276 mW/g

0 dB = 0.269 mW/g = -11.40 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E GSM850 190CH Left hand tilt 15 degree

DUT: U9510E; Type: HSHSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz
Medium parameters used: f = 837 MHz; σ = 0.914 mho/m; ε_r = 41.429; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.01, 9.01, 9.01); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
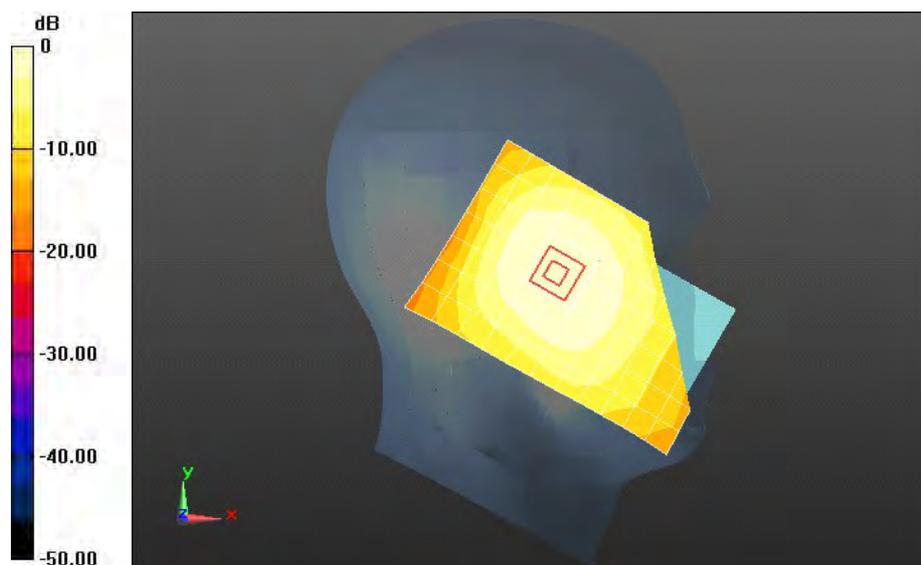Maximum value of SAR (measured) = 0.208 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.519 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.253 mW/g
SAR(1 g) = 0.203 mW/g; SAR(10 g) = 0.155 mW/g
Maximum value of SAR (measured) = 0.212 mW/g

0 dB = 0.208 mW/g = -13.63 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E GSM850 190CH Right hand touch cheek

DUT: U9510E; Type: HSHSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz
Medium parameters used: f = 837 MHz; σ = 0.914 mho/m; ε_r = 41.429; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.01, 9.01, 9.01); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
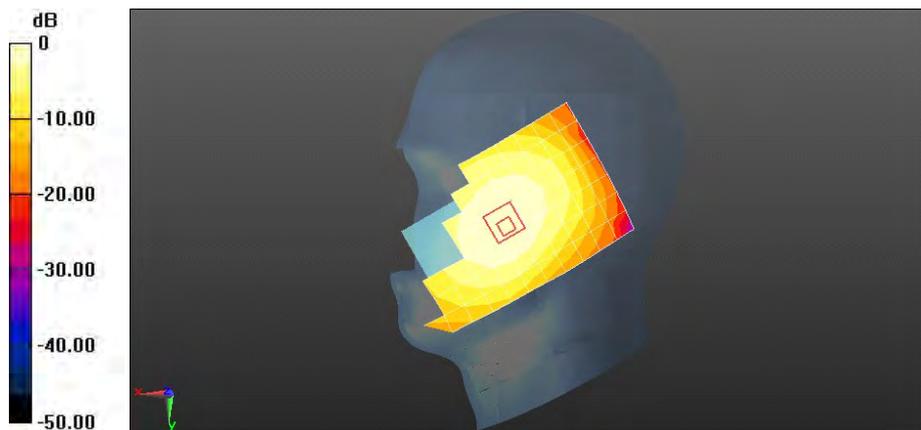Maximum value of SAR (measured) = 0.379 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
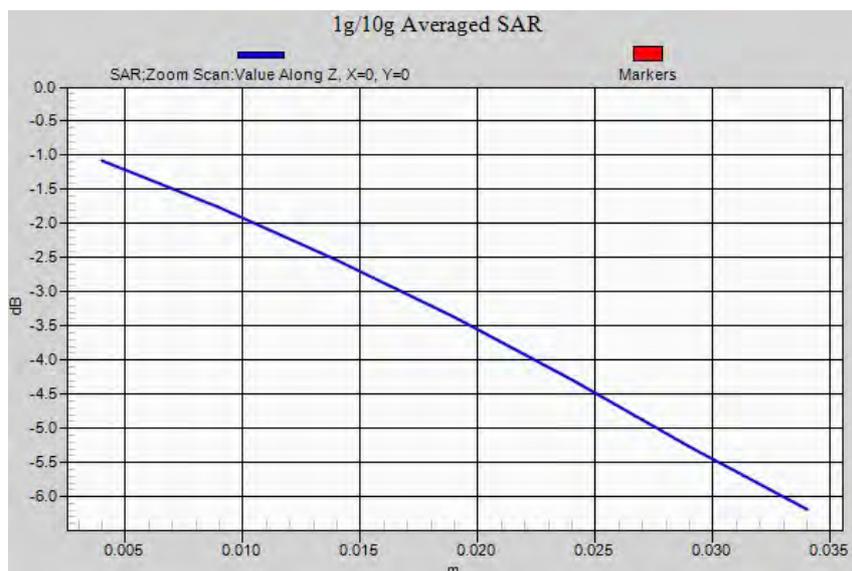Reference Value = 9.067 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.490 mW/g
SAR(1 g) = 0.378 mW/g; SAR(10 g) = 0.282 mW/g
Maximum value of SAR (measured) = 0.398 mW/g

0 dB = 0.379 mW/g = -8.43 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E GSM850 190CH Right hand tilt 15 degree

DUT: U9510E; Type: HSHSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

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

Medium parameters used: f = 837 MHz; σ = 0.914 mho/m; ε_r = 41.429; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.01, 9.01, 9.01); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.246 mW/g

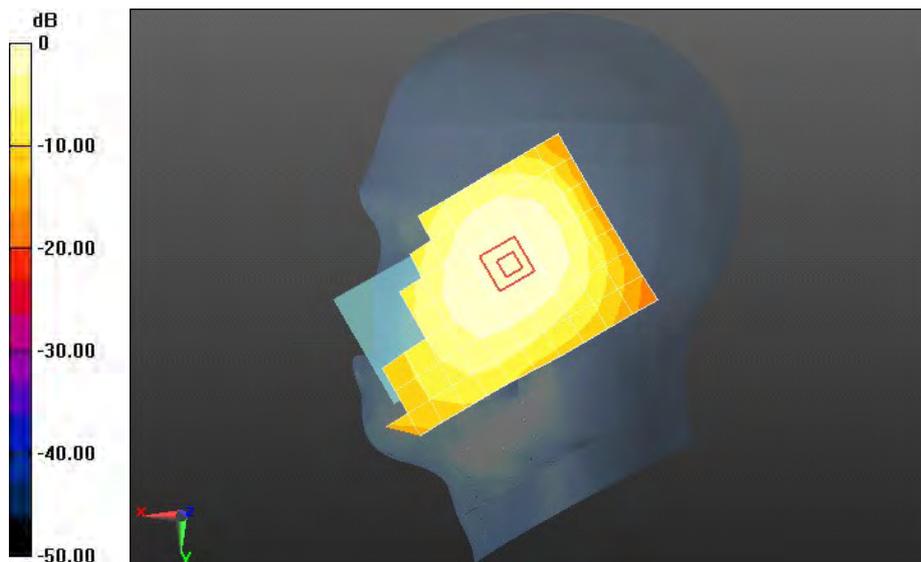**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.521 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.297 mW/g
SAR(1 g) = 0.239 mW/g; SAR(10 g) = 0.182 mW/g
Maximum value of SAR (measured) = 0.251 mW/g

0 dB = 0.246 mW/g = -12.18 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E GSM850 GPRS 1TS 190CH Towards Phantom 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz
Medium parameters used: $f = 837$ MHz; $\sigma = 0.994$ mho/m; $\varepsilon_r = 56.502$; $\rho = 1000$ kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.461 mW/g

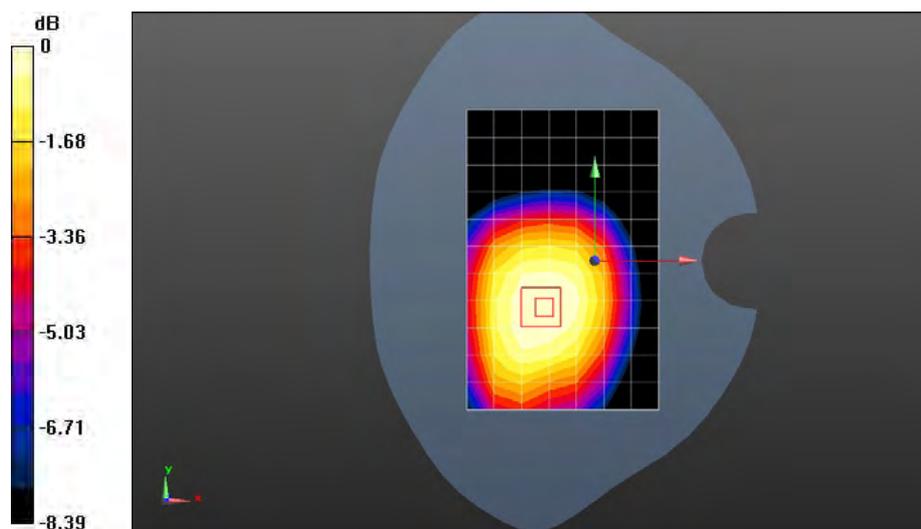**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.567 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.560 mW/g
SAR(1 g) = 0.445 mW/g; SAR(10 g) = 0.346 mW/g
Maximum value of SAR (measured) = 0.466 mW/g

0 dB = 0.466 mW/g = -6.63 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E GSM850 GPRS 2TS 190CH Towards Phantom 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 836.6 MHz
Medium parameters used: f = 837 MHz; σ = 0.994 mho/m; ε_r = 56.502; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.575 mW/g

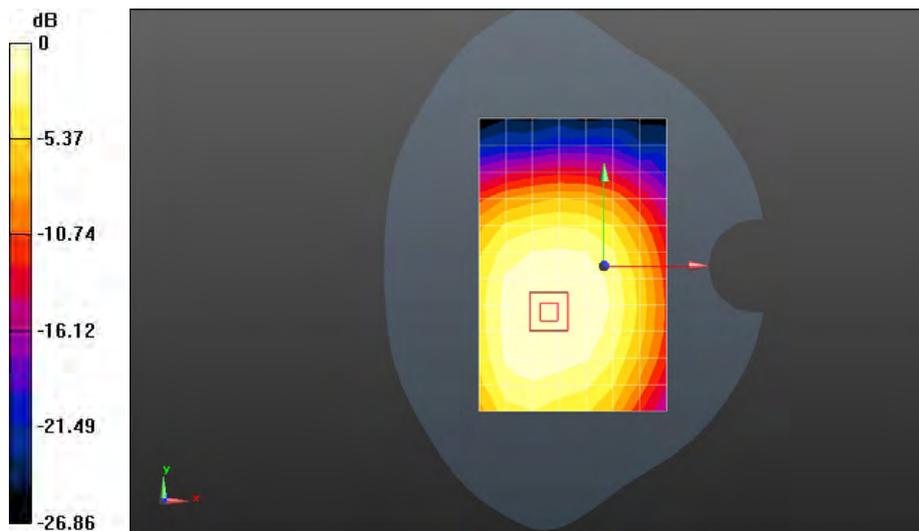**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.906 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.713 mW/g
SAR(1 g) = 0.562 mW/g; SAR(10 g) = 0.436 mW/g
Maximum value of SAR (measured) = 0.586 mW/g

0 dB = 0.575 mW/g = -4.81 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E GSM850 GPRS 2TS 251CH Towards Ground 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 848.8 MHz
Medium parameters used: f = 849 MHz; σ = 1.006 mho/m; ε_r = 56.373; ρ = 1000 kg/m³
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
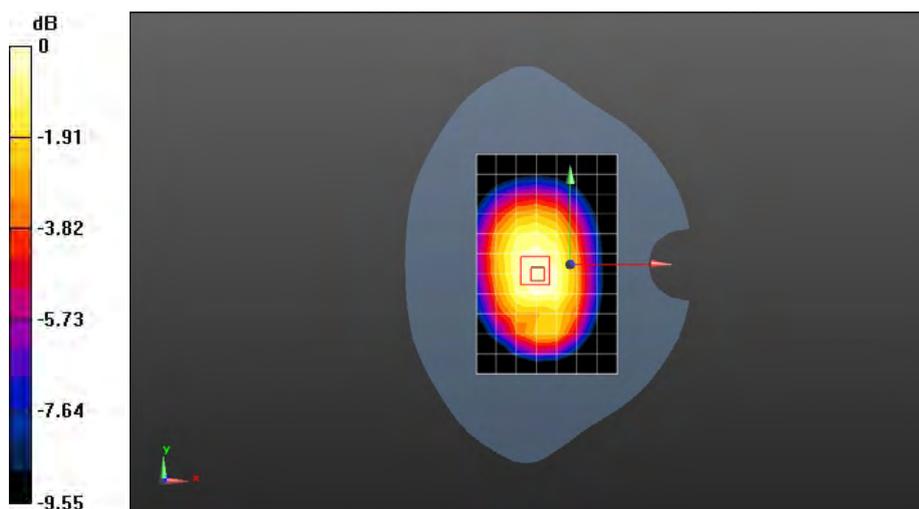Maximum value of SAR (measured) = 0.978 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
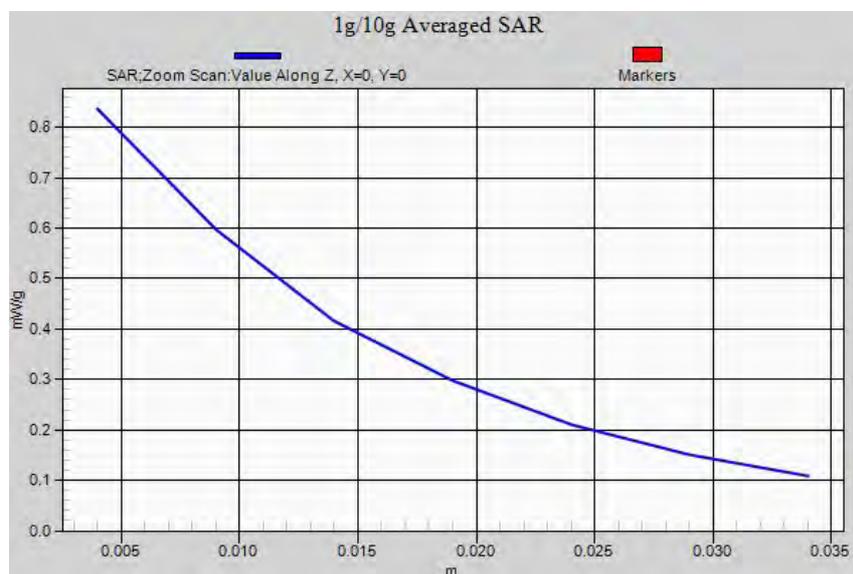Reference Value = 30.544 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.194 mW/g
SAR(1 g) = 0.938 mW/g; SAR(10 g) = 0.707 mW/g
Maximum value of SAR (measured) = 0.983 mW/g

0 dB = 0.983 mW/g = -0.15 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E GSM850 GPRS 2TS 190CH Towards Ground 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 836.6 MHz
Medium parameters used: f = 837 MHz; σ = 0.994 mho/m; $ε_r$ = 56.502; ρ = 1000 kg/m³
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.875 mW/g

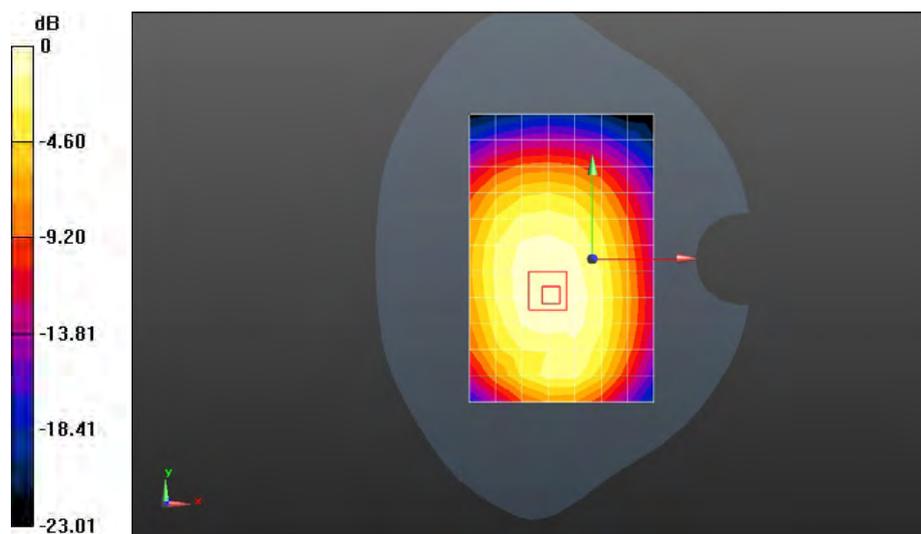**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.491 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.068 mW/g
SAR(1 g) = 0.833 mW/g; SAR(10 g) = 0.628 mW/g
Maximum value of SAR (measured) = 0.873 mW/g

0 dB = 0.875 mW/g = -1.16 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E GSM850 GPRS 2TS 128CH Towards Ground 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 824.2 MHz

Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.981 mho/m; ε_r = 56.631; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.828 mW/g

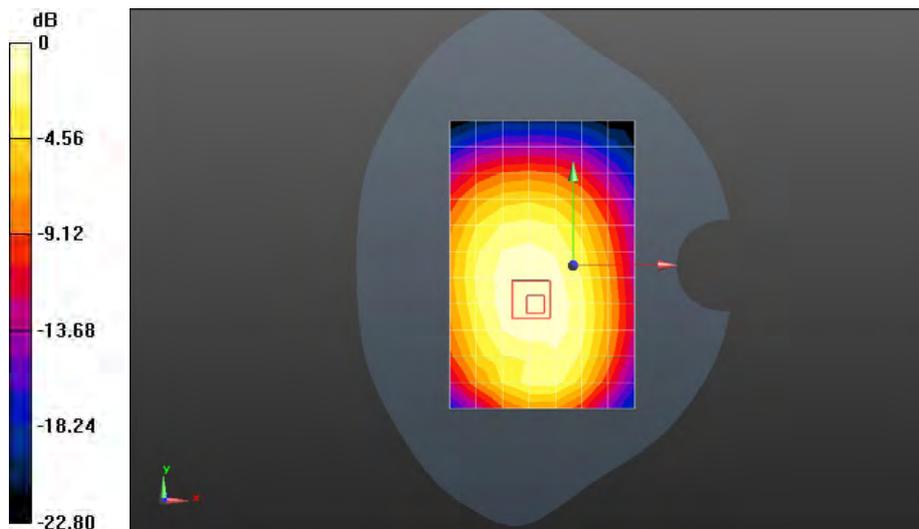**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 26.774 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.030 mW/g
SAR(1 g) = 0.794 mW/g; SAR(10 g) = 0.596 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.833 mW/g

0 dB = 0.828 mW/g = -1.64 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E GSM850 GPRS 2TS 190CH Left edge 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 836.6 MHz
Medium parameters used: f = 837 MHz; σ = 0.994 mho/m; ε_r = 56.502; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
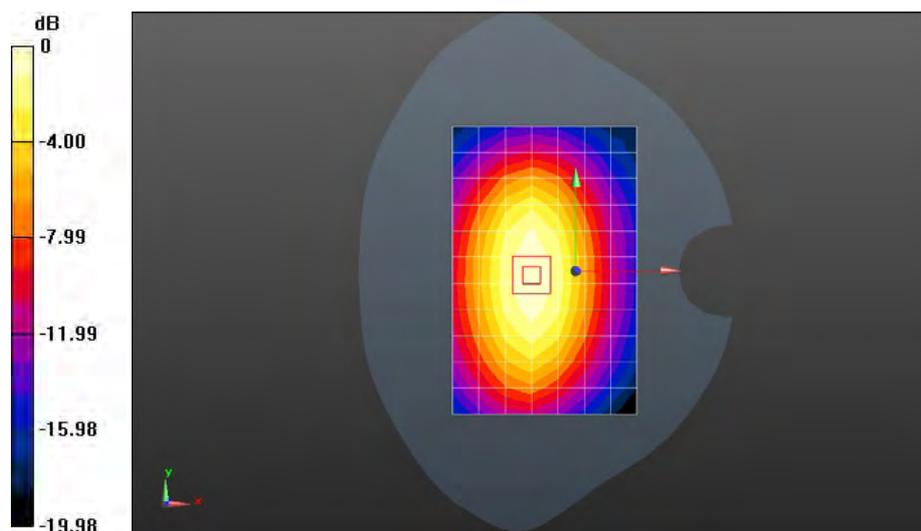Maximum value of SAR (measured) = 0.706 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.220 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.949 mW/g
SAR(1 g) = 0.661 mW/g; SAR(10 g) = 0.451 mW/g
Maximum value of SAR (measured) = 0.710 mW/g

0 dB = 0.706 mW/g = -3.02 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E GSM850 GPRS 2TS 251CH Right edge 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 848.8 MHz
Medium parameters used: f = 849 MHz; σ = 1.006 mho/m; ε_r = 56.373; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
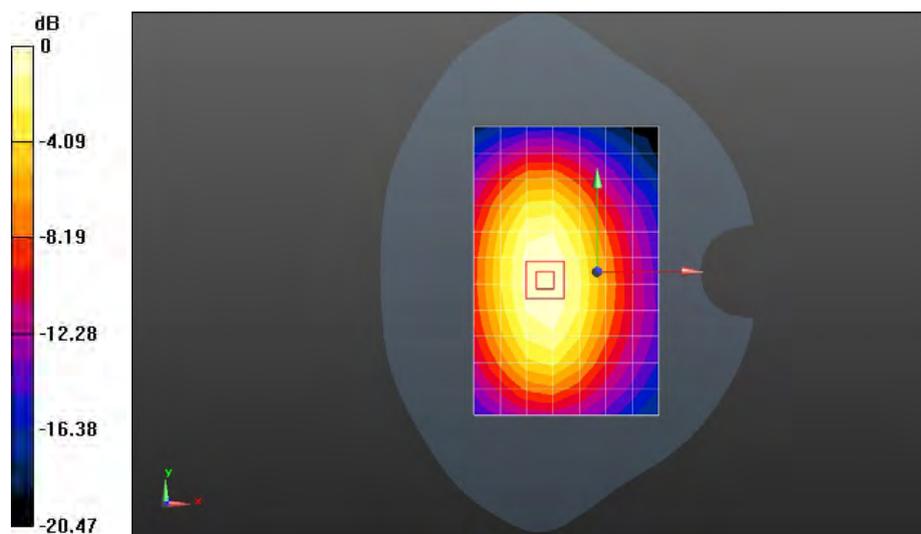Maximum value of SAR (measured) = 0.809 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.155 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.084 mW/g
SAR(1 g) = 0.782 mW/g; SAR(10 g) = 0.540 mW/g
Maximum value of SAR (measured) = 0.834 mW/g

0 dB = 0.809 mW/g = -1.84 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E GSM850 GPRS 2TS 190CH Right edge 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 836.6 MHz
Medium parameters used: f = 837 MHz; σ = 0.994 mho/m; $ε_r$ = 56.502; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

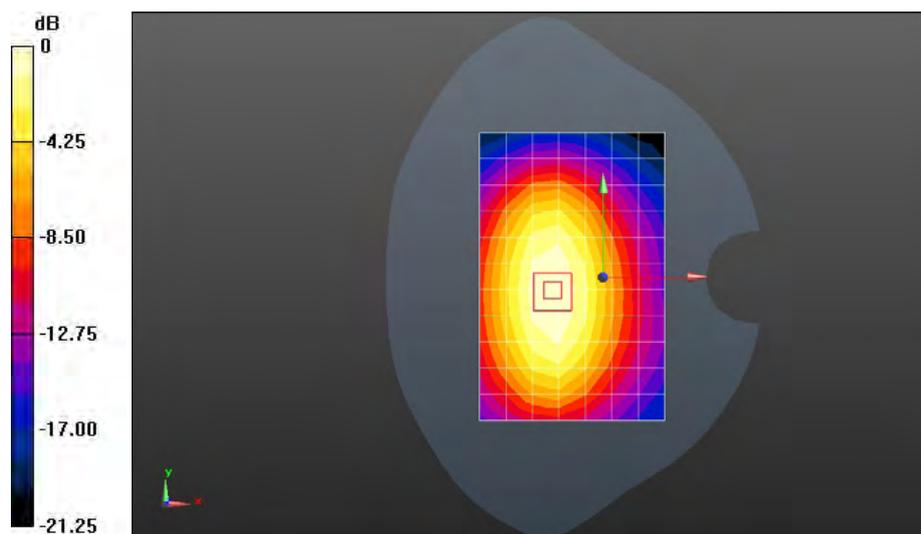**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 26.422 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.200 mW/g
SAR(1 g) = 0.849 mW/g; SAR(10 g) = 0.582 mW/g
Maximum value of SAR (measured) = 0.910 mW/g

0 dB = 0.877 mW/g = -1.14 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E GSM850 GPRS 2TS 128CH Right edge 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 824.2 MHz

Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.981 mho/m; ε_r = 56.631; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Info: Interpolated medium parameters used for SAR evaluation.
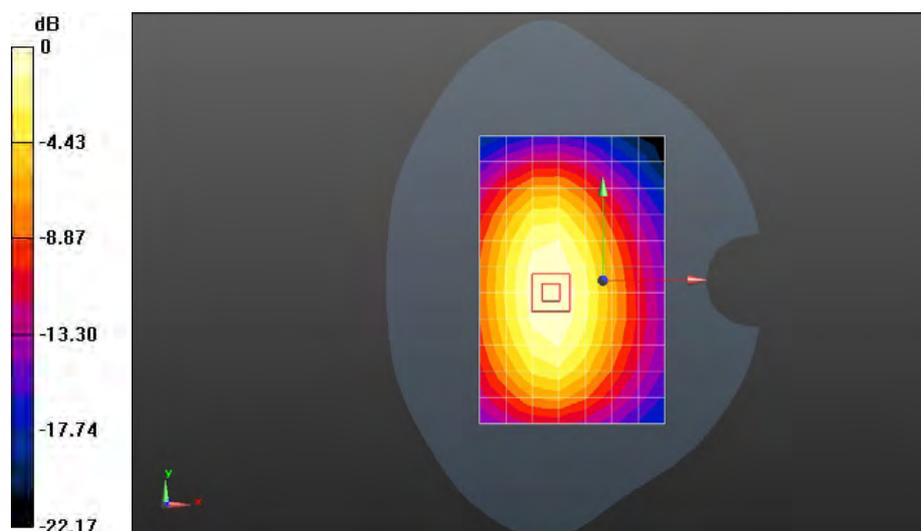Maximum value of SAR (measured) = 0.687 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.525 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.912 mW/g
SAR(1 g) = 0.666 mW/g; SAR(10 g) = 0.463 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.711 mW/g

0 dB = 0.687 mW/g = -3.26 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E GSM850 GPRS 2TS 190CH Bottom edge 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 836.6 MHz

Medium parameters used: f = 837 MHz; σ = 0.994 mho/m; ε_r = 56.502; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
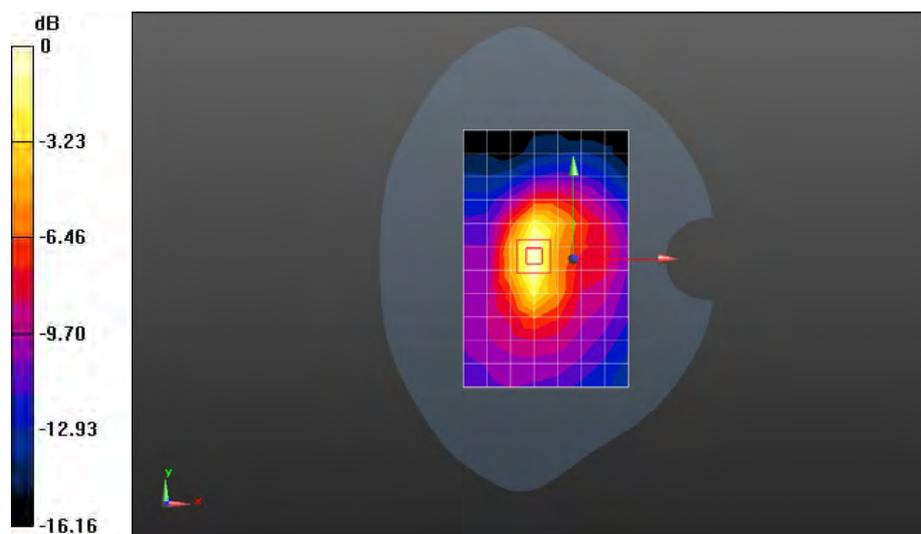
Maximum value of SAR (measured) = 0.213 mW/g

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

Reference Value = 12.354 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.362 mW/g

SAR(1 g) = 0.202 mW/g; SAR(10 g) = 0.111 mW/g

Maximum value of SAR (measured) = 0.224 mW/g

0 dB = 0.213 mW/g = -13.43 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E GSM850 EGPRS 1TS 190CH Towards Ground 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz
Medium parameters used: f = 837 MHz; σ = 0.994 mho/m; $ε_r$ = 56.502; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

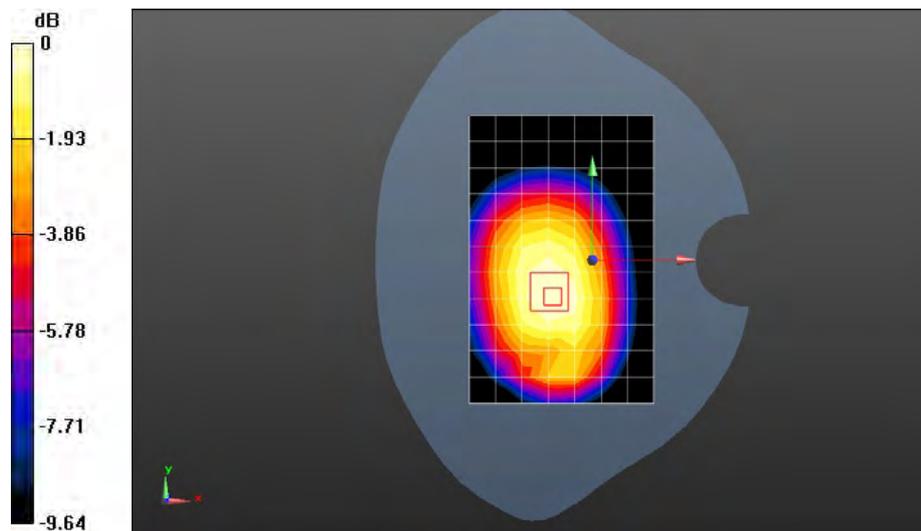**Configuration/Body/Area Scan (8x12x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.685 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.425 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.842 mW/g
SAR(1 g) = 0.652 mW/g; SAR(10 g) = 0.490 mW/g

0 dB = 0.685 mW/g = -3.29 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E GSM850 EGPRS 2TS 251CH Towards Ground 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 848.8 MHz

Medium parameters used: f = 849 MHz; σ = 1.006 mho/m; ε_r = 56.373; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.880 mW/g

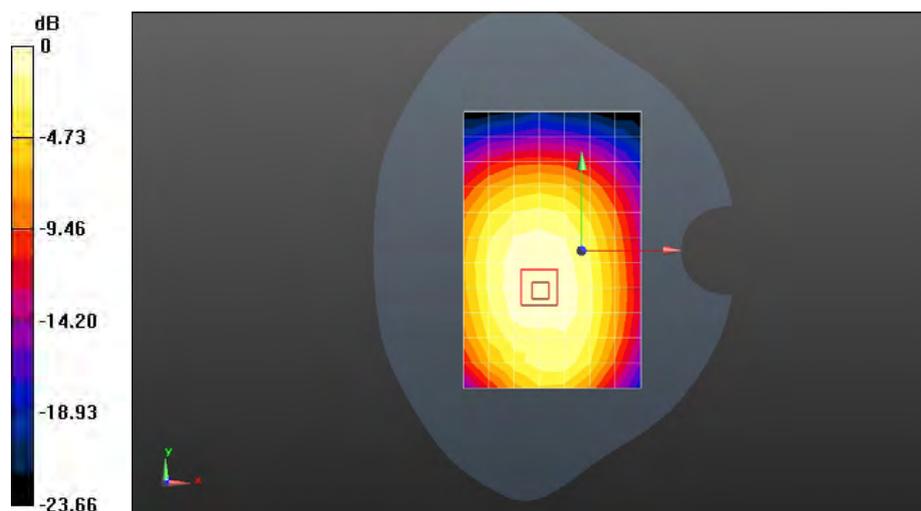**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.467 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.055 mW/g

SAR(1 g) = 0.847 mW/g; SAR(10 g) = 0.641 mW/g

Maximum value of SAR (measured) = 0.887 mW/g

0 dB = 0.880 mW/g = -1.11 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E GSM850 EGPRS 2TS 190CH Towards Ground 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 836.6 MHz

Medium parameters used: f = 837 MHz; σ = 0.994 mho/m; ε_r = 56.502; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.855 mW/g

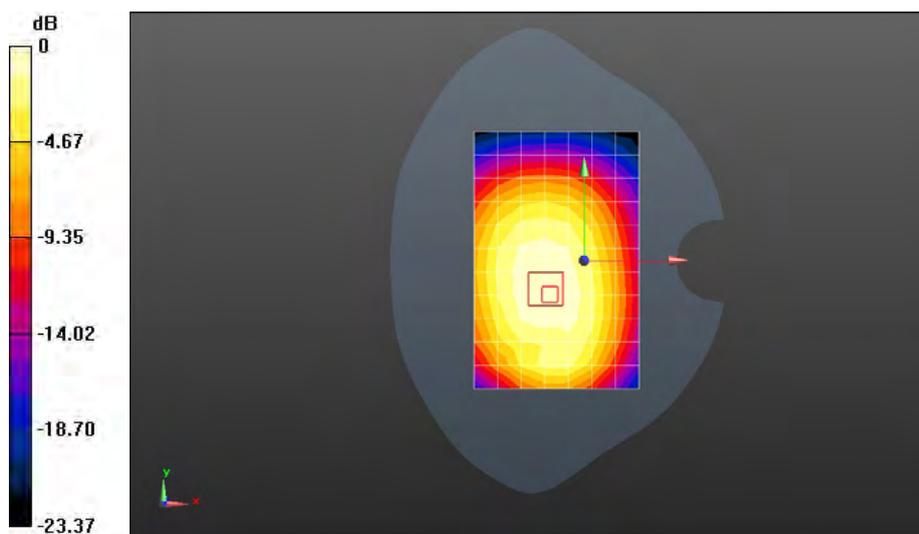**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.205 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.047 mW/g
SAR(1 g) = 0.812 mW/g; SAR(10 g) = 0.613 mW/g
Maximum value of SAR (measured) = 0.851 mW/g

0 dB = 0.855 mW/g = -1.36 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E GSM850 EGPRS 2TS 128CH Towards Ground 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 824.2 MHz
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.981 mho/m; ε_r = 56.631; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.800 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
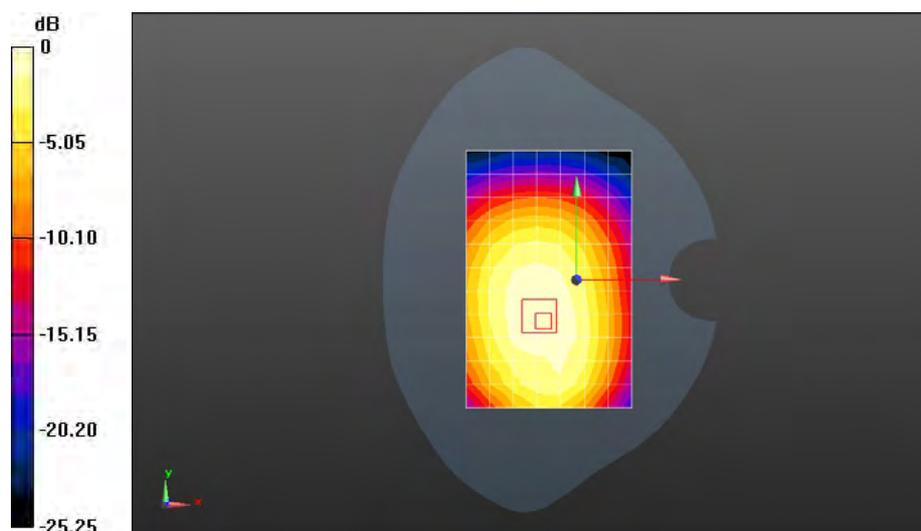Reference Value = 25.983 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.962 mW/g
SAR(1 g) = 0.769 mW/g; SAR(10 g) = 0.580 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.809 mW/g

0 dB = 0.800 mW/g = -1.94 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E GSM850 190CH Towards Ground 10mm with Headset

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 848.8 MHz

Medium parameters used: f = 849 MHz; σ = 1.006 mho/m; $ε_r$ = 56.373; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
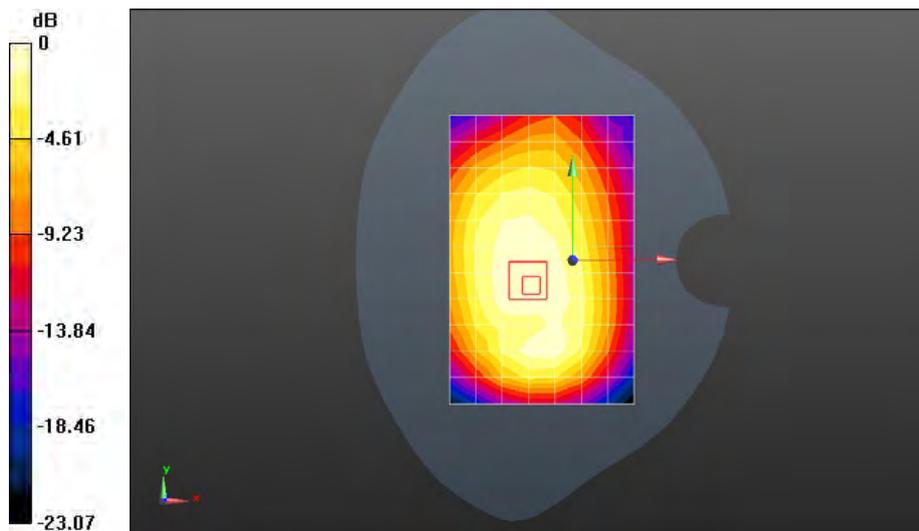
Maximum value of SAR (measured) = 0.520 mW/g

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

Reference Value = 21.698 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.670 mW/g

SAR(1 g) = 0.507 mW/g; SAR(10 g) = 0.373 mW/g

Maximum value of SAR (measured) = 0.536 mW/g

0 dB = 0.520 mW/g = -5.68 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E GSM1900 661CH Left hand touch cheek

DUT: U9510E; Type: HSHSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.434 mho/m; ε_r = 39.851; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.67, 7.67, 7.67); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

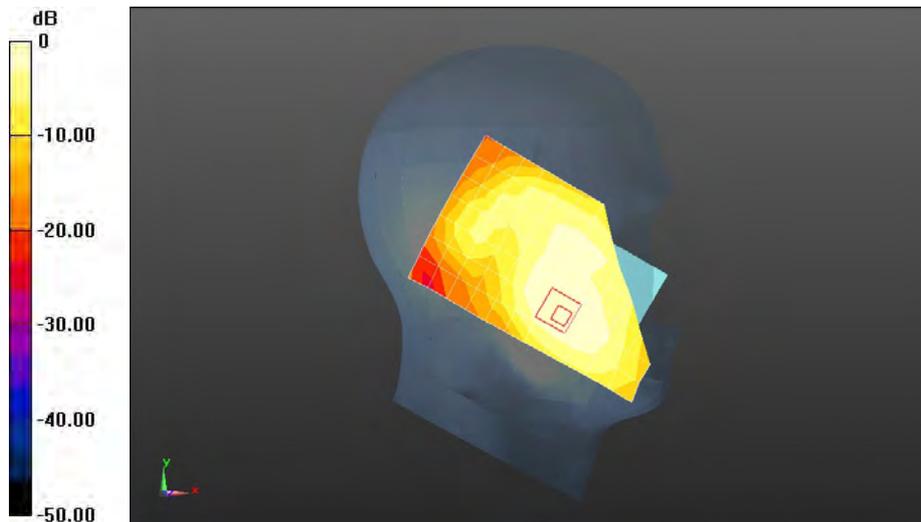**Configuration/Head/Area Scan (8x12x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.224 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.442 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.347 mW/g
SAR(1 g) = 0.207 mW/g; SAR(10 g) = 0.126 mW/g

0 dB = 0.224 mW/g = -13.00 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E GSM1900 661CH Left hand tilt 15 degree

DUT: U9510E; Type: HSHSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

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

Medium parameters used: f = 1880 MHz; σ = 1.434 mho/m; ε_r = 39.851; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.67, 7.67, 7.67); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
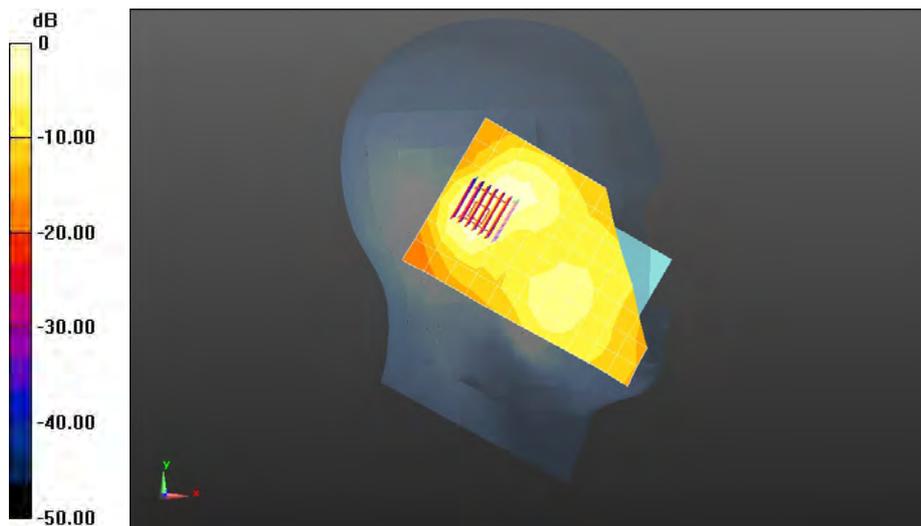
Maximum value of SAR (measured) = 0.148 mW/g

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

Reference Value = 10.614 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.268 mW/g

SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.082 mW/g

Maximum value of SAR (measured) = 0.165 mW/g

0 dB = 0.148 mW/g = -16.59 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E GSM1900 661CH Right hand touch cheek

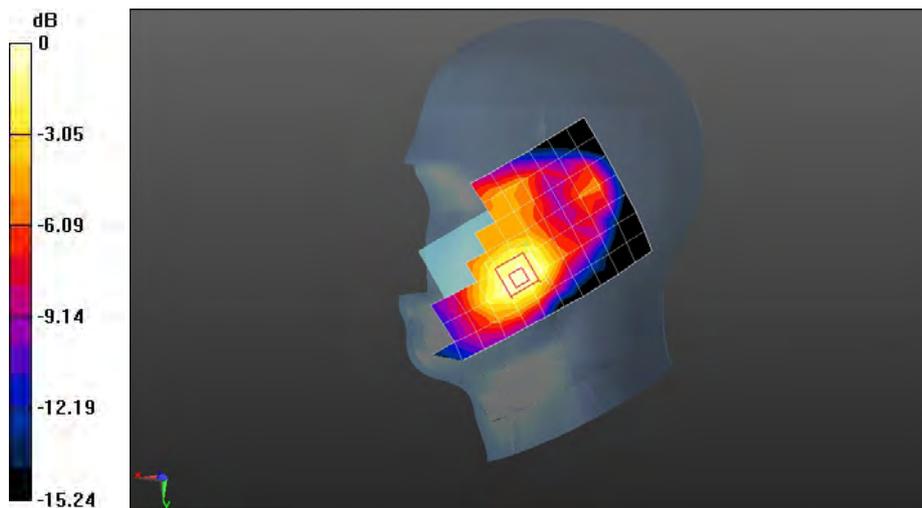**DUT: U9510E; Type: HSHSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

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

Medium parameters used: f = 1880 MHz; σ = 1.434 mho/m; ε_r = 39.851; ρ = 1000 kg/m^3
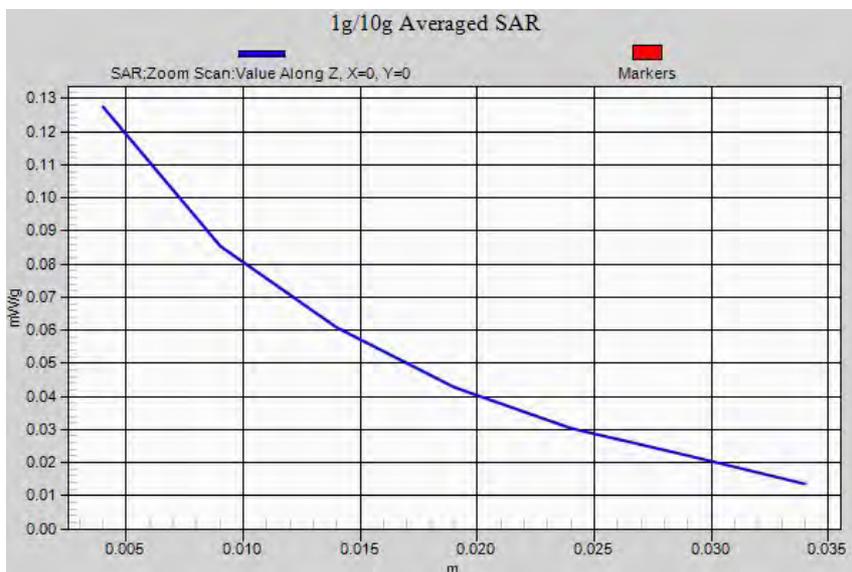
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.67, 7.67, 7.67); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.244 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.168 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.379 mW/g
SAR(1 g) = 0.239 mW/g; SAR(10 g) = 0.144 mW/g
Maximum value of SAR (measured) = 0.260 mW/g

0 dB = 0.244 mW/g = -12.25 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E GSM1900 661CH Right hand tilt 15 degree

DUT: U9510E; Type: HSHSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.434 mho/m; ε_r = 39.851; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.67, 7.67, 7.67); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.114 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.141 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.252 mW/g
SAR(1 g) = 0.140 mW/g; SAR(10 g) = 0.075 mW/g
Maximum value of SAR (measured) = 0.157 mW/g

0 dB = 0.114 mW/g = -18.86 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E GSM1900 GPRS 1TS 661CH Towards Phantom 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.536 mho/m; ε_r = 52.98; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.349 mW/g

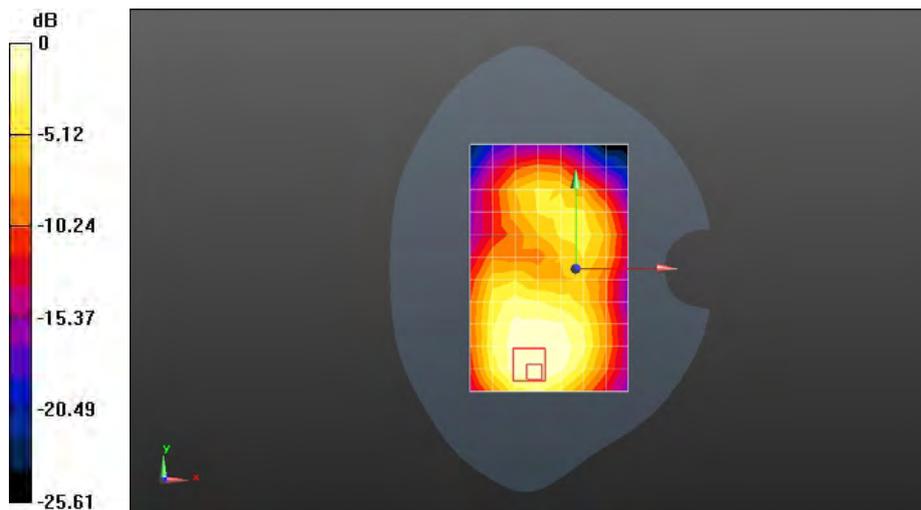**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.813 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.501 mW/g
SAR(1 g) = 0.319 mW/g; SAR(10 g) = 0.192 mW/g
Maximum value of SAR (measured) = 0.351 mW/g

0 dB = 0.349 mW/g = -9.14 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E GSM1900 GPRS 2TS 661CH Towards Phantom 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.536 mho/m; ε_r = 52.98; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
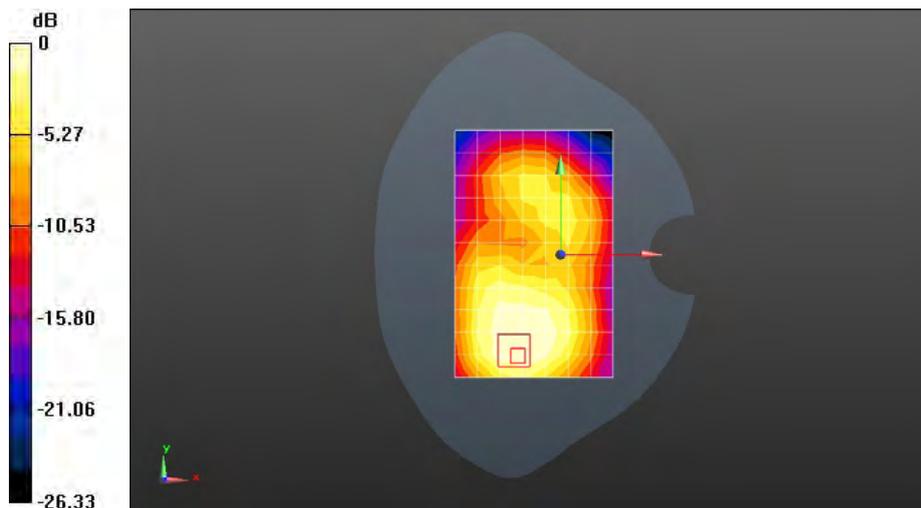Maximum value of SAR (measured) = 0.438 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.501 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.664 mW/g
SAR(1 g) = 0.404 mW/g; SAR(10 g) = 0.243 mW/g
Maximum value of SAR (measured) = 0.444 mW/g

0 dB = 0.438 mW/g = -7.17 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E GSM1900 GPRS 2TS 661CH Towards Ground 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.536 mho/m; ε_r = 52.98; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
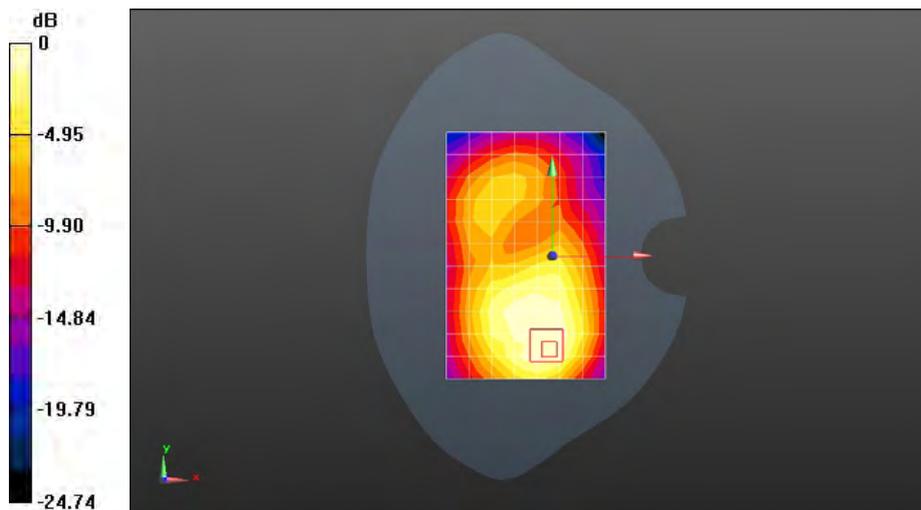Maximum value of SAR (measured) = 0.436 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.167 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.741 mW/g
SAR(1 g) = 0.435 mW/g; SAR(10 g) = 0.253 mW/g
Maximum value of SAR (measured) = 0.481 mW/g

0 dB = 0.436 mW/g = -7.21 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E GSM1900 GPRS 2TS 661CH Left edge 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz

Medium parameters used: f = 1880 MHz; σ = 1.536 mho/m; ε_r = 52.98; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
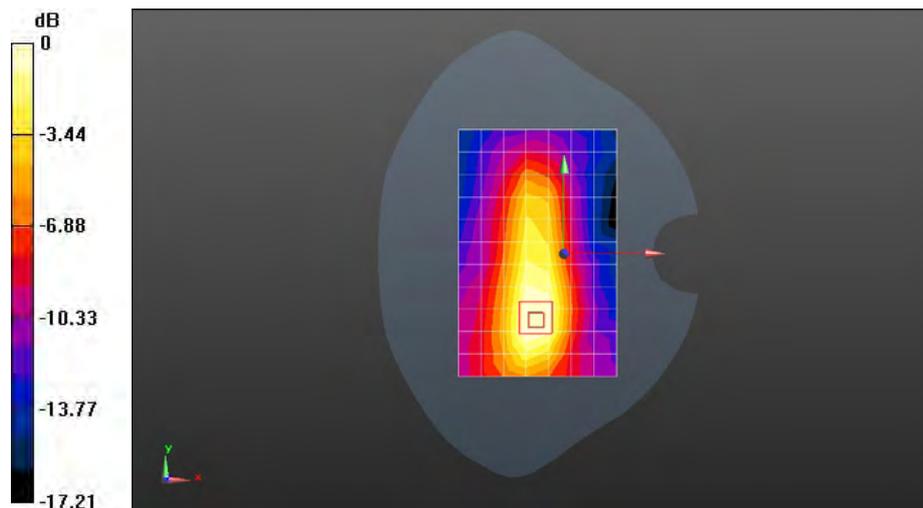Maximum value of SAR (measured) = 0.218 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.655 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.387 mW/g
SAR(1 g) = 0.243 mW/g; SAR(10 g) = 0.139 mW/g
Maximum value of SAR (measured) = 0.270 mW/g

0 dB = 0.218 mW/g = -13.23 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E GSM1900 GPRS 2TS 661CH Right edge 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.536 mho/m; $ε_r$ = 52.98; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.960 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.198 mW/g
SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.075 mW/g
Maximum value of SAR (measured) = 0.139 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.960 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.188 mW/g
SAR(1 g) = 0.122 mW/g; SAR(10 g) = 0.074 mW/g
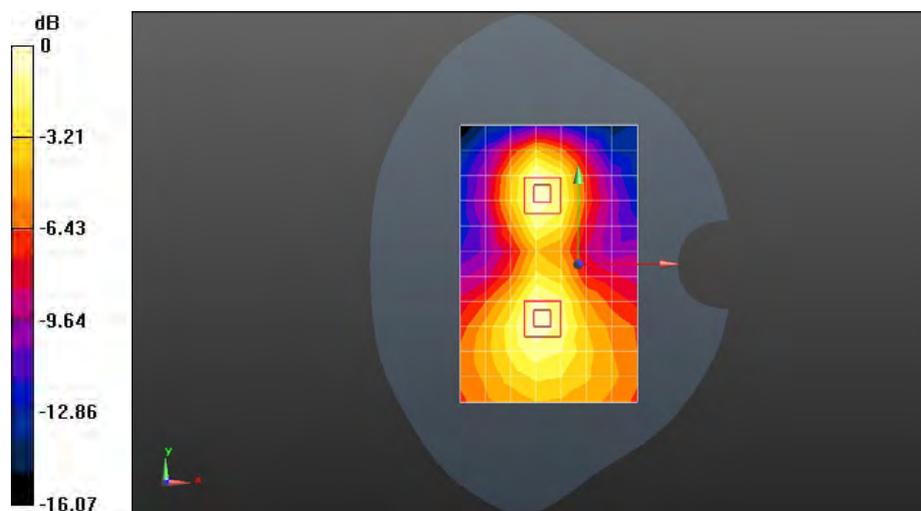Maximum value of SAR (measured) = 0.132 mW/g

0 dB = 0.133 mW/g = -17.52 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E GSM1900 GPRS 2TS 661CH Bottom edge 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.536 mho/m; ε_r = 52.98; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
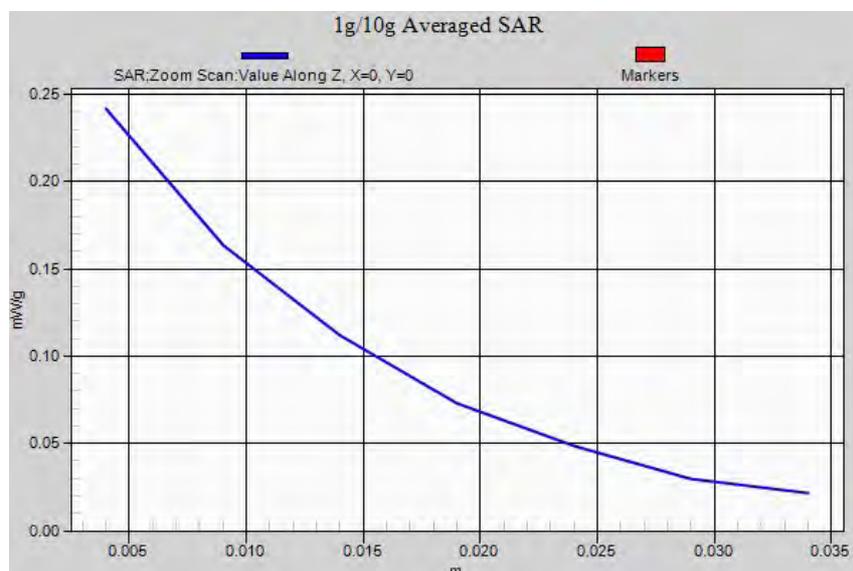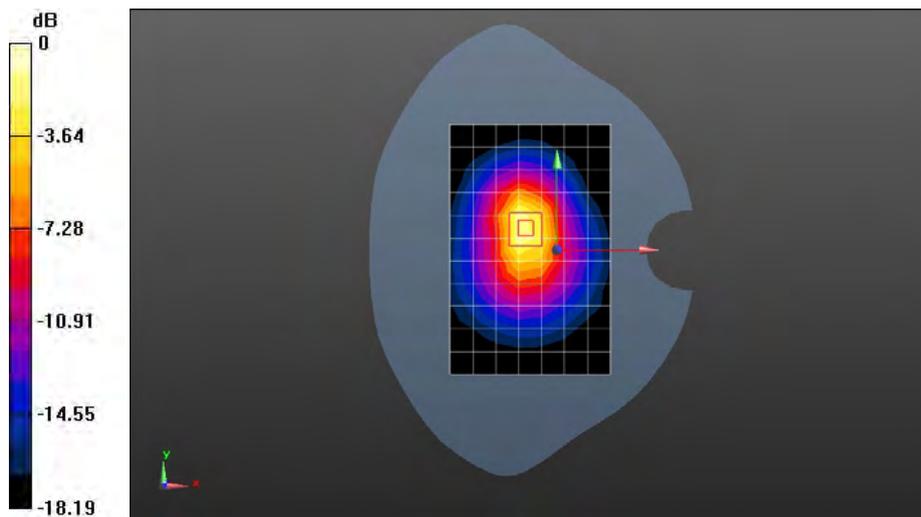Maximum value of SAR (measured) = 0.646 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.560 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.311 mW/g
SAR(1 g) = 0.749 mW/g; SAR(10 g) = 0.385 mW/g
Maximum value of SAR (measured) = 0.862 mW/g

0 dB = 0.862 mW/g = -1.29 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E GSM1900 EGPRS 1TS 661CH Bottom edge 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.536 mho/m; $ε_r$ = 52.98; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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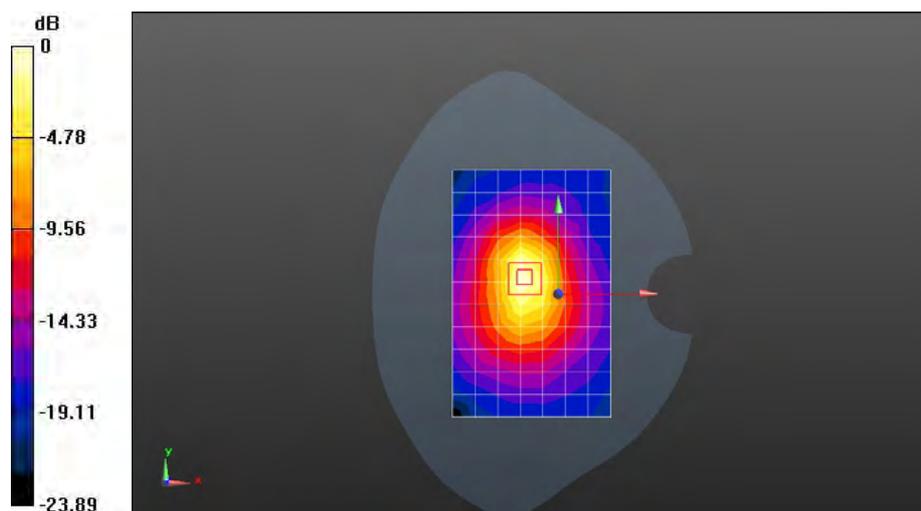Maximum value of SAR (measured) = 0.637 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.917 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.082 mW/g
SAR(1 g) = 0.621 mW/g; SAR(10 g) = 0.318 mW/g
Maximum value of SAR (measured) = 0.712 mW/g

0 dB = 0.637 mW/g = -3.92 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E GSM1900 EGPRS 2TS 661CH Bottom edge 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR2

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.536 mho/m; ε_r = 52.98; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
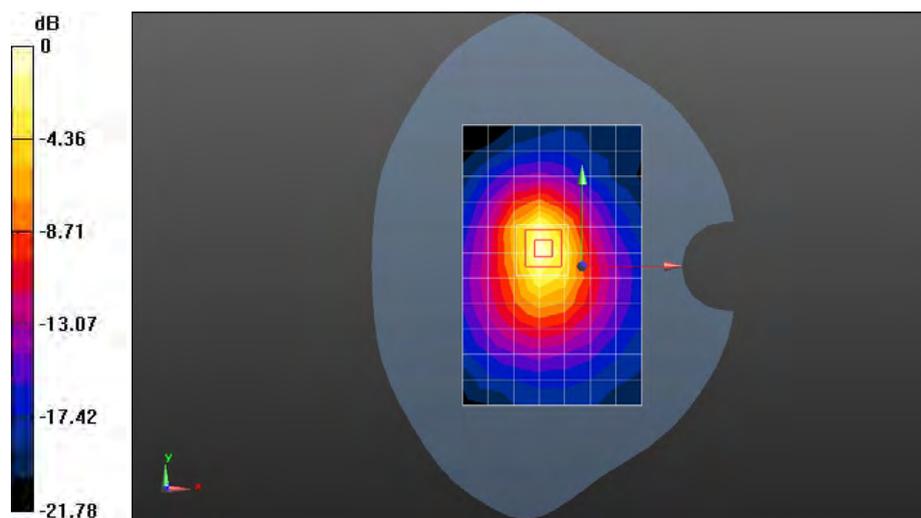Maximum value of SAR (measured) = 0.805 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.181 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.292 mW/g
SAR(1 g) = 0.741 mW/g; SAR(10 g) = 0.381 mW/g
Maximum value of SAR (measured) = 0.846 mW/g

0 dB = 0.805 mW/g = -1.88 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E GSM1900 661CH Towards Ground 10mm with Headset

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

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

Medium parameters used: f = 1880 MHz; σ = 1.536 mho/m; ε_r = 52.98; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.345 mW/g

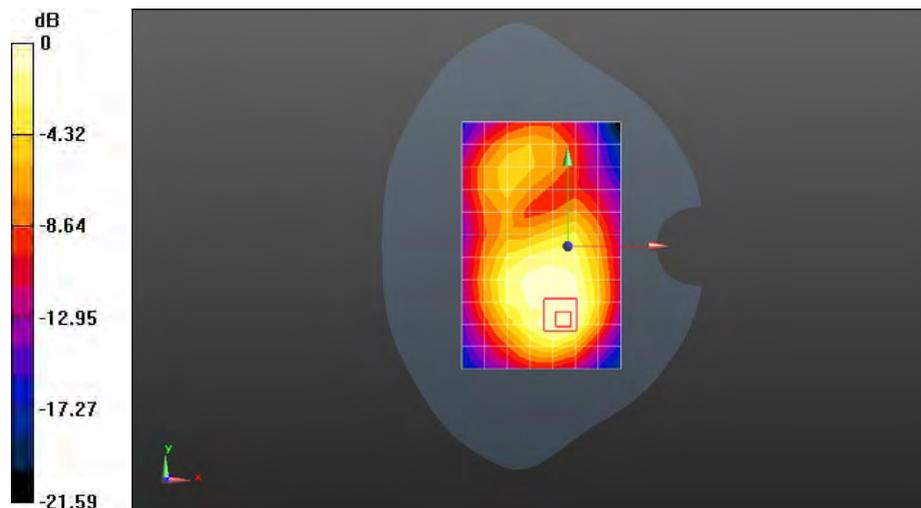**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.049 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.562 mW/g
SAR(1 g) = 0.335 mW/g; SAR(10 g) = 0.197 mW/g
Maximum value of SAR (measured) = 0.369 mW/g

0 dB = 0.345 mW/g = -9.24 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E WCDMA850 4182CH Left hand touch cheek

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.922 mho/m; ε_r = 41.524; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.01, 9.01, 9.01); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.359 mW/g

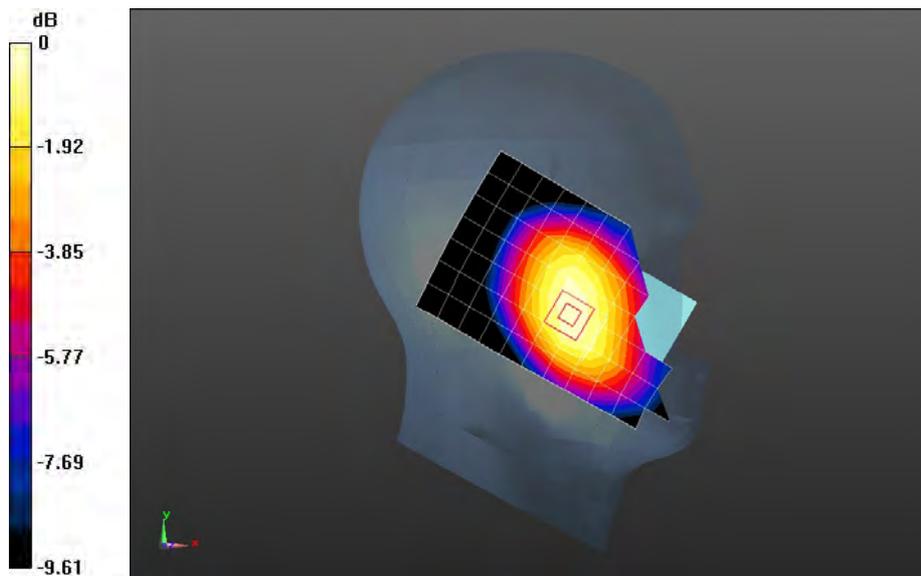**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.299 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.449 mW/g
SAR(1 g) = 0.349 mW/g; SAR(10 g) = 0.260 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.369 mW/g

0 dB = 0.369 mW/g = -8.66 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E WCDMA850 4182CH Left hand tilt 15 degree

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

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

Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.922 mho/m; ε_r = 41.524; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.01, 9.01, 9.01); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.254 mW/g

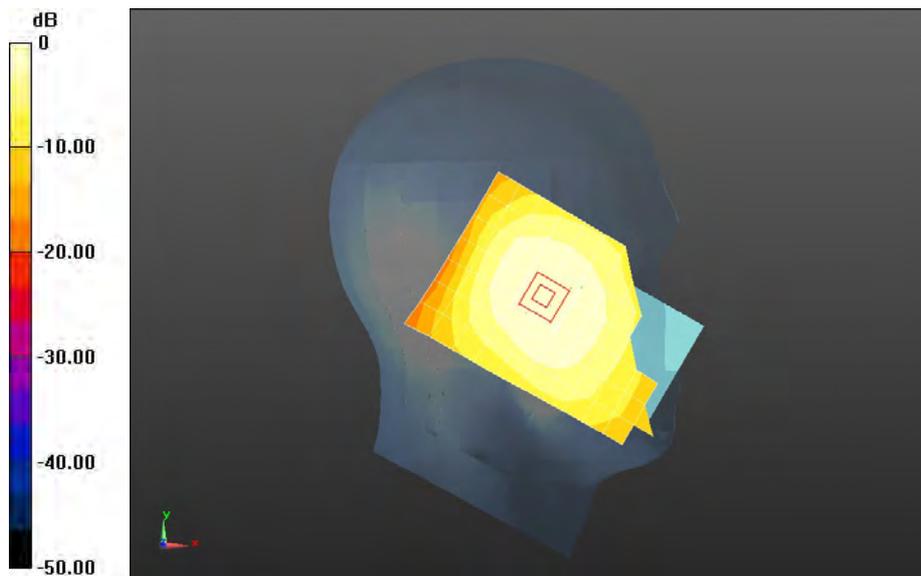**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.735 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.301 mW/g
SAR(1 g) = 0.247 mW/g; SAR(10 g) = 0.191 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.259 mW/g

0 dB = 0.254 mW/g = -11.90 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E WCDMA850 4182CH Right hand touch cheek

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

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

Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.922 mho/m; ε_r = 41.524; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.01, 9.01, 9.01); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.414 mW/g
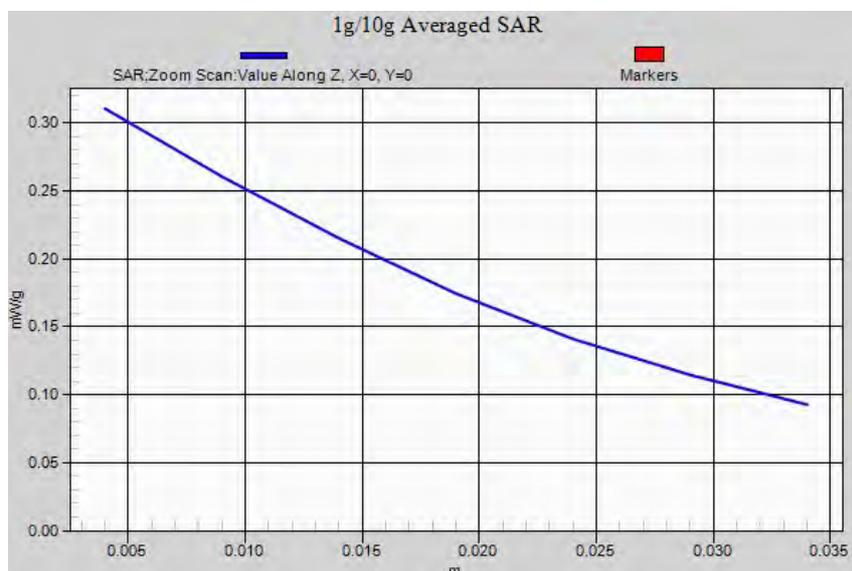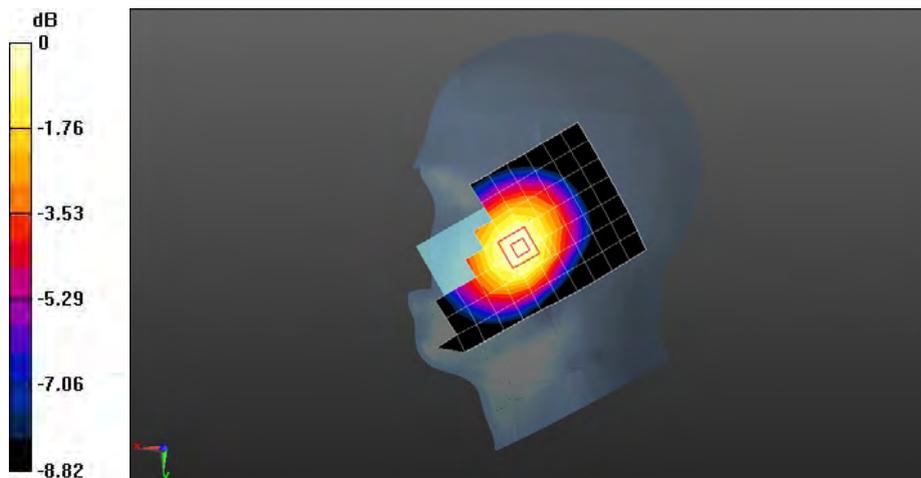
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.505 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.496 mW/g
SAR(1 g) = 0.404 mW/g; SAR(10 g) = 0.310 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.424 mW/g

0 dB = 0.424 mW/g = -7.45 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E WCDMA850 4182CH Right hand tilt 15 degree

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.922 mho/m; ε_r = 41.524; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.01, 9.01, 9.01); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.294 mW/g

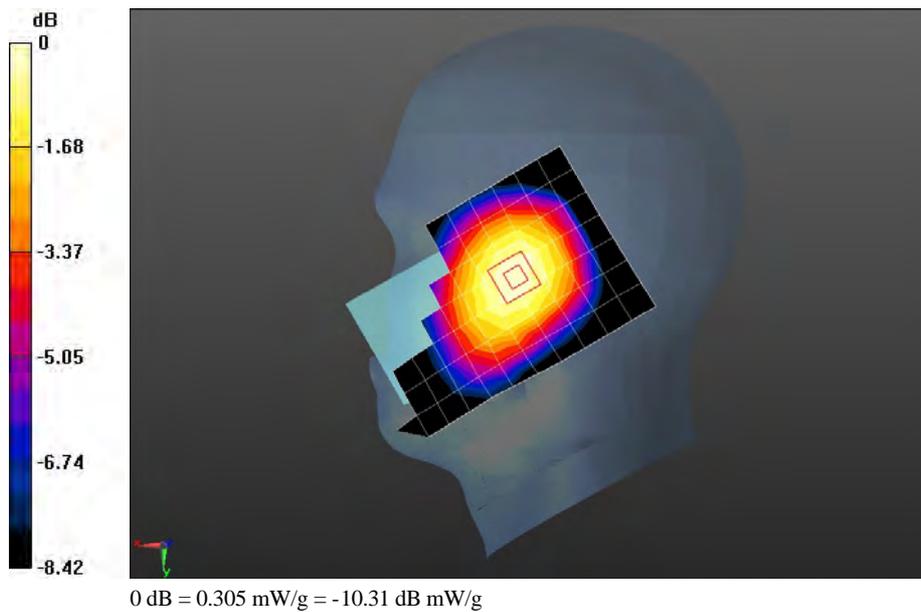**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.210 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.359 mW/g
SAR(1 g) = 0.292 mW/g; SAR(10 g) = 0.225 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.305 mW/g

0 dB = 0.305 mW/g = -10.31 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E WCDMA850 4182CH Towards Phantom 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.993 mho/m; ε_r = 56.502; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

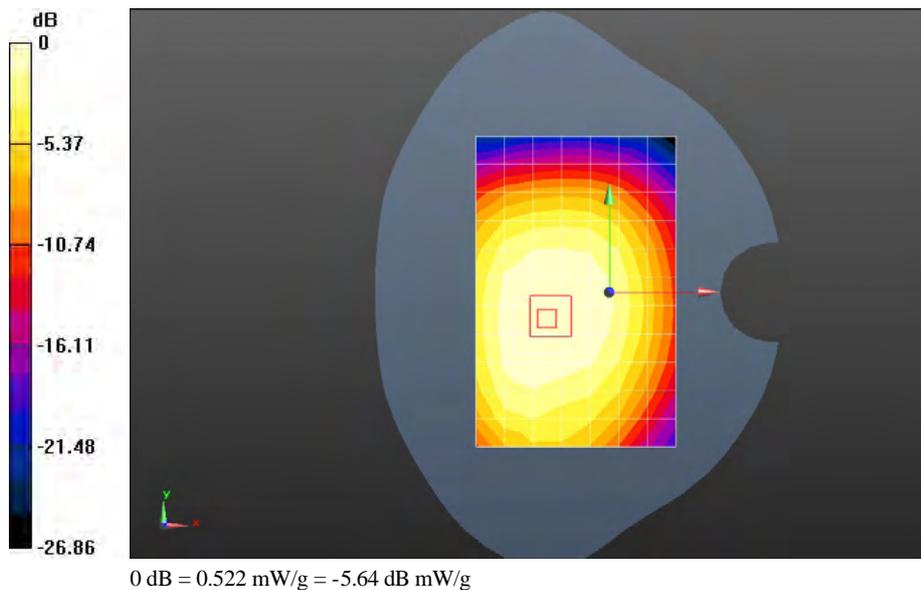**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.410 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.640 mW/g
SAR(1 g) = 0.511 mW/g; SAR(10 g) = 0.395 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.534 mW/g

0 dB = 0.522 mW/g = -5.64 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E WCDMA850 4182CH Towards Ground 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.993 mho/m; ε_r = 56.502; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.818 mW/g
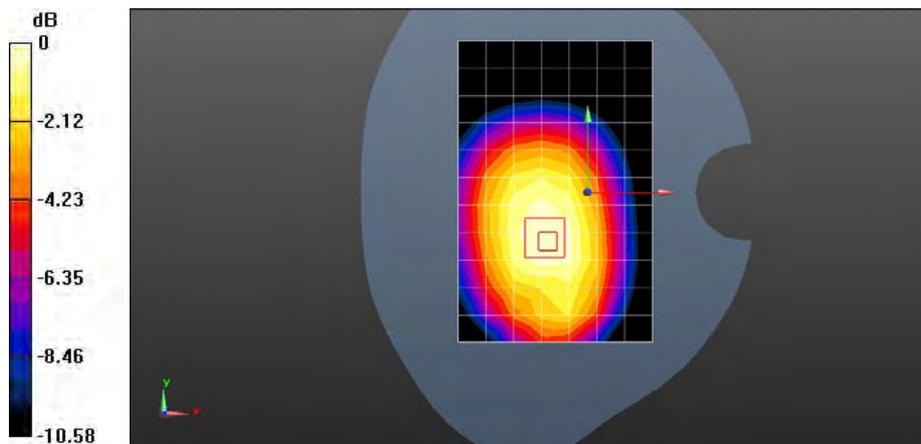
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.810 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.018 mW/g
SAR(1 g) = 0.793 mW/g; SAR(10 g) = 0.593 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.834 mW/g

0 dB = 0.834 mW/g = -1.58 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E WCDMA850 4182CH Left edge 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

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

Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.993 mho/m; $ε_r$ = 56.502; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.616 mW/g

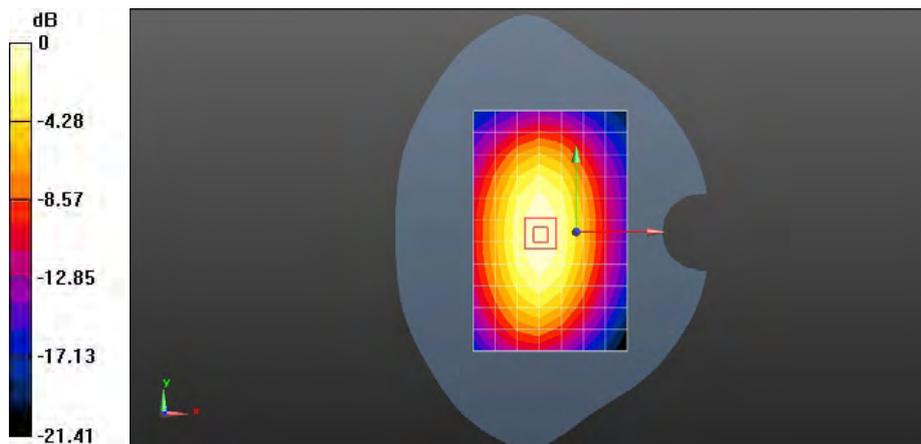**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.965 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.823 mW/g
SAR(1 g) = 0.583 mW/g; SAR(10 g) = 0.399 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.623 mW/g

0 dB = 0.616 mW/g = -4.21 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E WCDMA850 4182CH Right edge 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

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

Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.993 mho/m; ε_r = 56.502; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.684 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
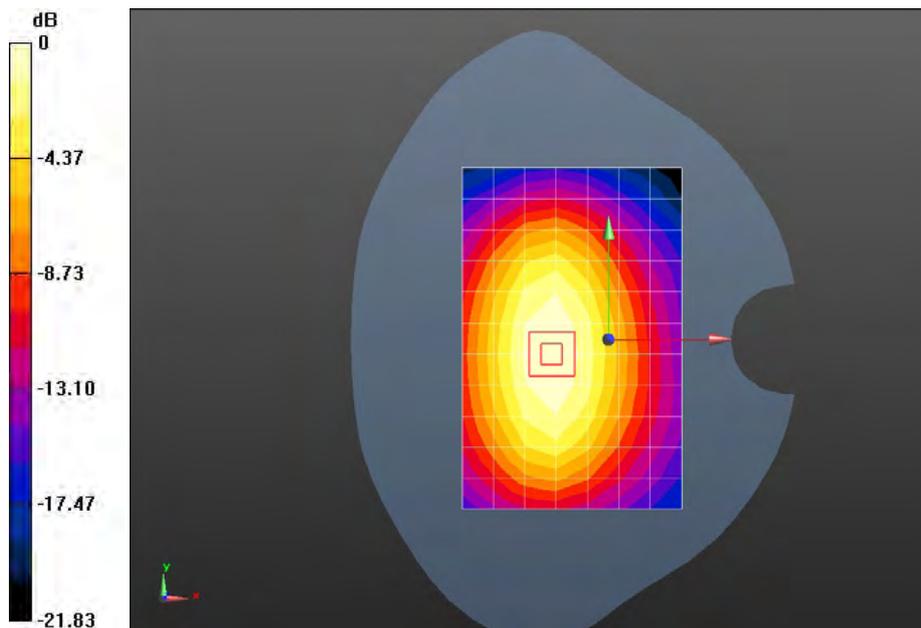Reference Value = 23.906 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.908 mW/g
SAR(1 g) = 0.645 mW/g; SAR(10 g) = 0.444 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.689 mW/g

0 dB = 0.684 mW/g = -3.30 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E WCDMA850 4182CH Bottom edge 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.993 mho/m; ε_r = 56.502; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.149 mW/g

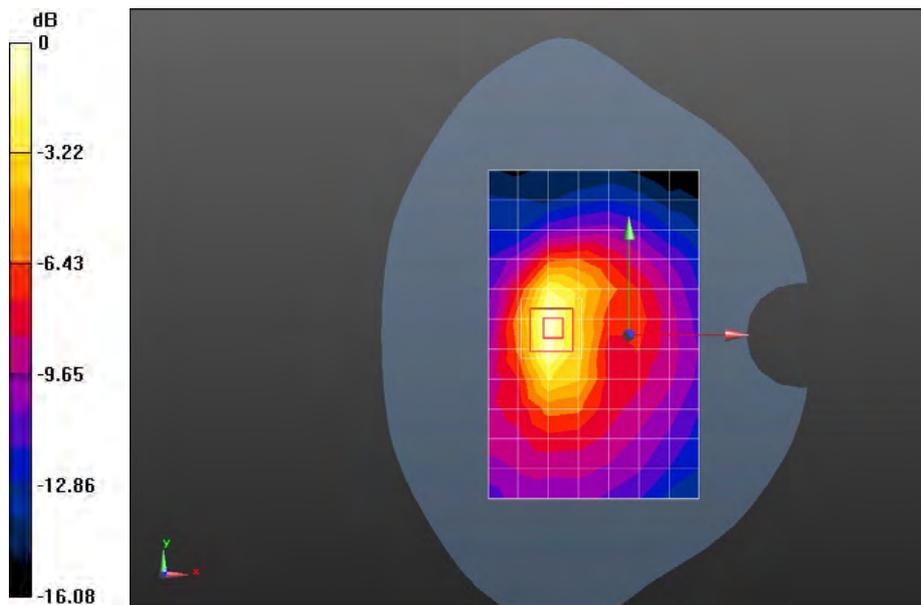**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.999 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.236 mW/g
SAR(1 g) = 0.138 mW/g; SAR(10 g) = 0.078 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.154 mW/g

0 dB = 0.149 mW/g = -16.53 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E WCDMA850 4182CH Towards Ground 10mm with Headset

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

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

Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.993 mho/m; ε_r = 56.502; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.566 mW/g

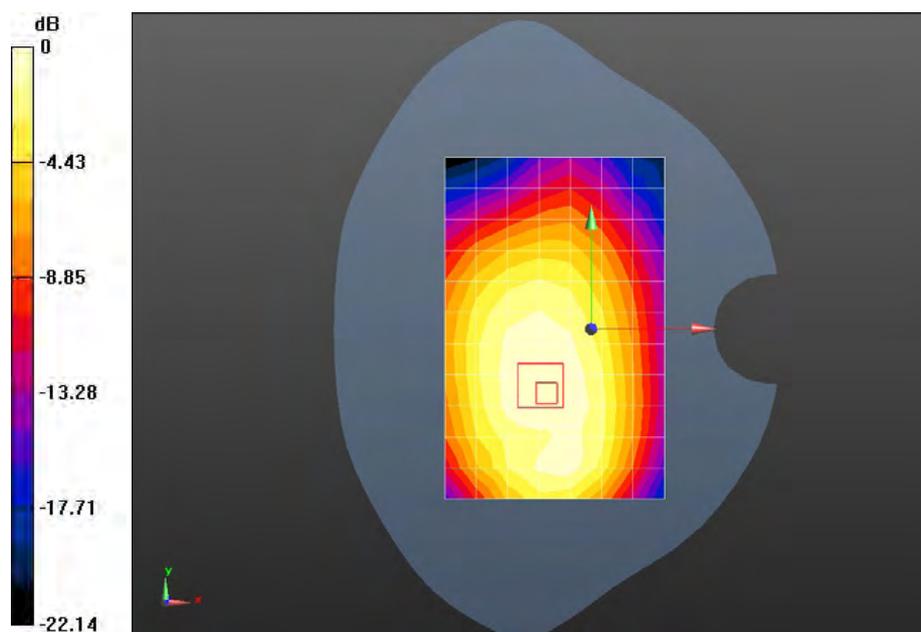**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.174 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.739 mW/g
SAR(1 g) = 0.557 mW/g; SAR(10 g) = 0.410 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.589 mW/g

0 dB = 0.566 mW/g = -4.94 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E WCDMA1700 1413CH Left hand touch cheek

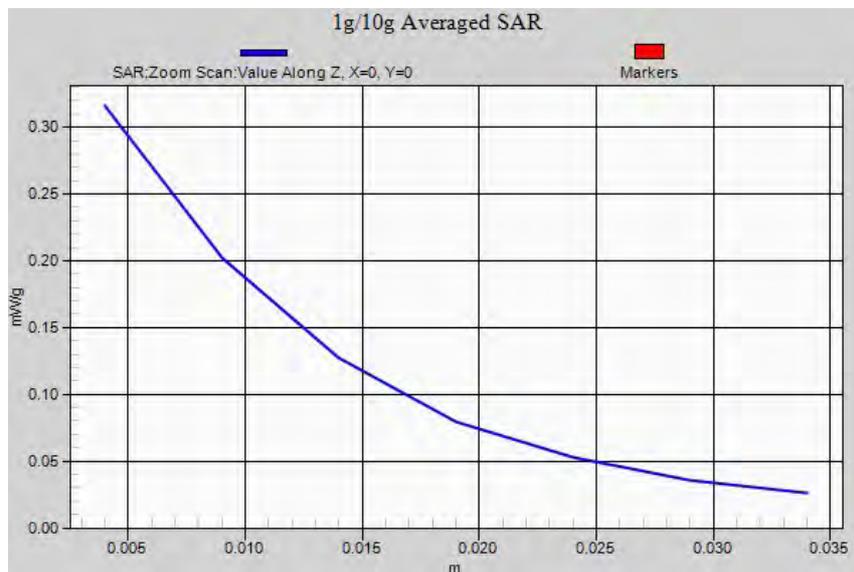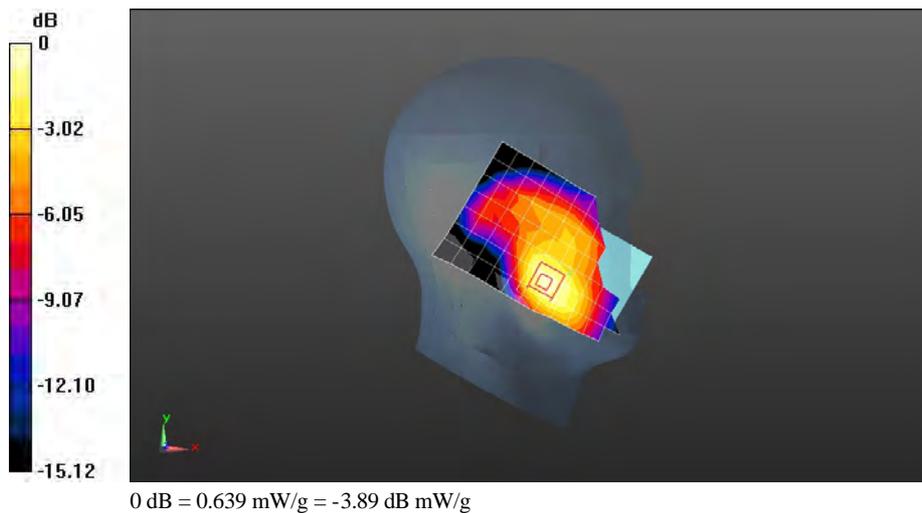**DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1732.6 MHz
Medium parameters used: f = 1733 MHz; σ = 1.421 mho/m; ε_r = 40.653; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.94, 7.94, 7.94); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.539 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.106 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.940 mW/g
SAR(1 g) = 0.586 mW/g; SAR(10 g) = 0.351 mW/g
Maximum value of SAR (measured) = 0.639 mW/g

0 dB = 0.639 mW/g = -3.89 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E WCDMA1700 1413CH Left hand tilt 15 degree

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1732.6 MHz

Medium parameters used: f = 1733 MHz; σ = 1.421 mho/m; ε_r = 40.653; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.94, 7.94, 7.94); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.296 mW/g

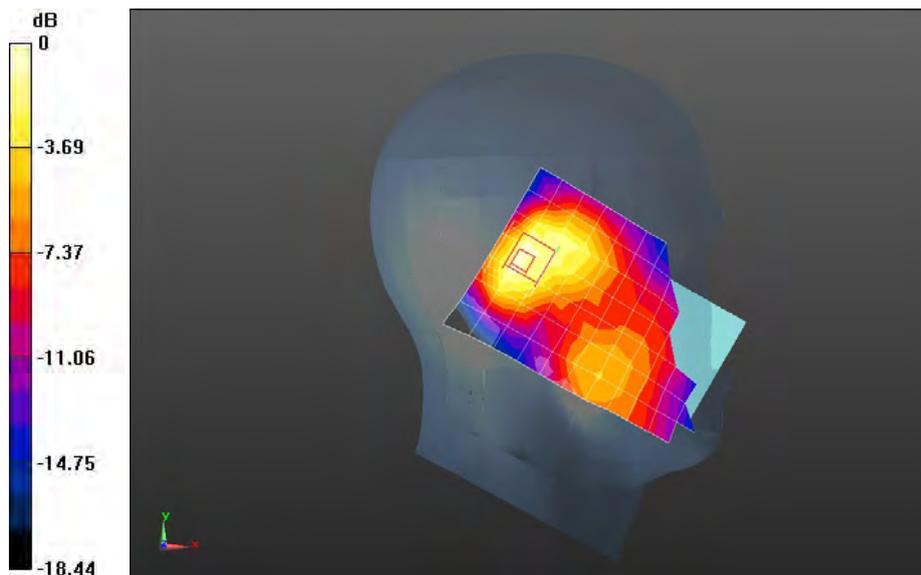**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.913 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.495 mW/g
SAR(1 g) = 0.294 mW/g; SAR(10 g) = 0.172 mW/g
Maximum value of SAR (measured) = 0.327 mW/g

0 dB = 0.327 mW/g = -9.71 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E WCDMA1700 1413CH Right hand touch cheek

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1732.6 MHz

Medium parameters used: f = 1733 MHz; σ = 1.421 mho/m; ε_r = 40.653; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.94, 7.94, 7.94); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
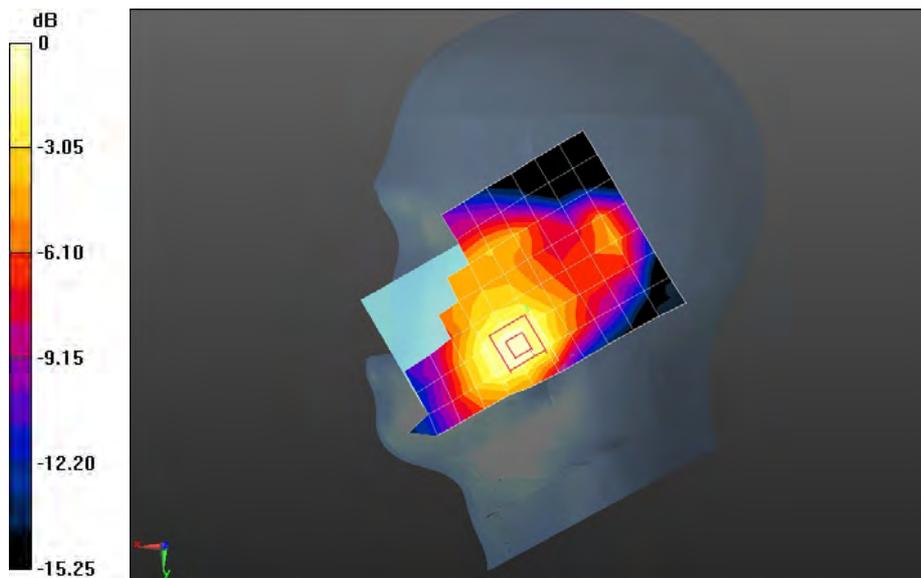Maximum value of SAR (measured) = 0.506 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.016 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.749 mW/g
SAR(1 g) = 0.510 mW/g; SAR(10 g) = 0.324 mW/g
Maximum value of SAR (measured) = 0.554 mW/g

0 dB = 0.554 mW/g = -5.13 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E WCDMA1700 1413CH Right hand tilt 15 degree

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1732.6 MHz

Medium parameters used: f = 1733 MHz; σ = 1.421 mho/m; ε_r = 40.653; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.94, 7.94, 7.94); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.332 mW/g

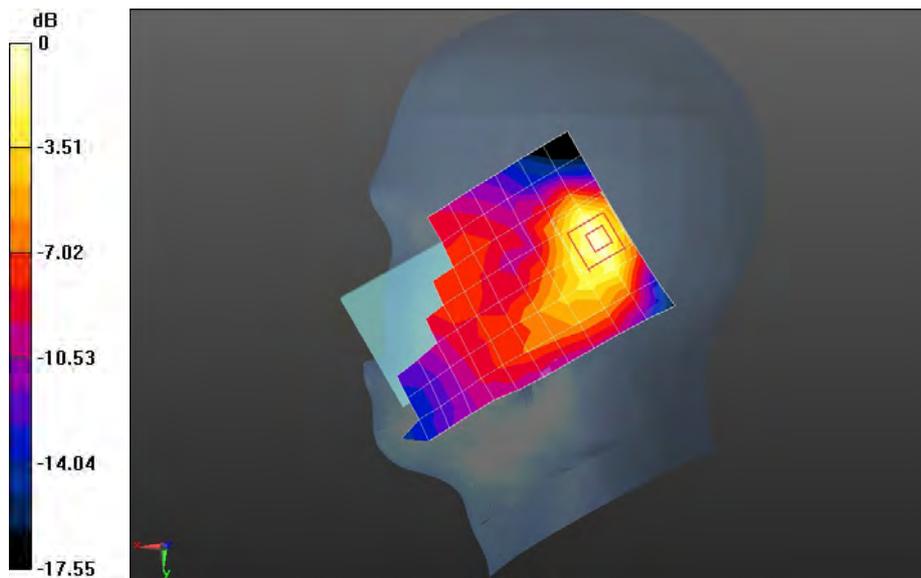**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.495 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.521 mW/g

SAR(1 g) = 0.304 mW/g; SAR(10 g) = 0.169 mW/g

Maximum value of SAR (measured) = 0.335 mW/g

0 dB = 0.335 mW/g = -9.50 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E WCDMA1700 1413CH Towards Phantom 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1732.6 MHz

Medium parameters used: f = 1733 MHz; σ = 1.487 mho/m; ε_r = 53.067; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.43, 7.43, 7.43); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
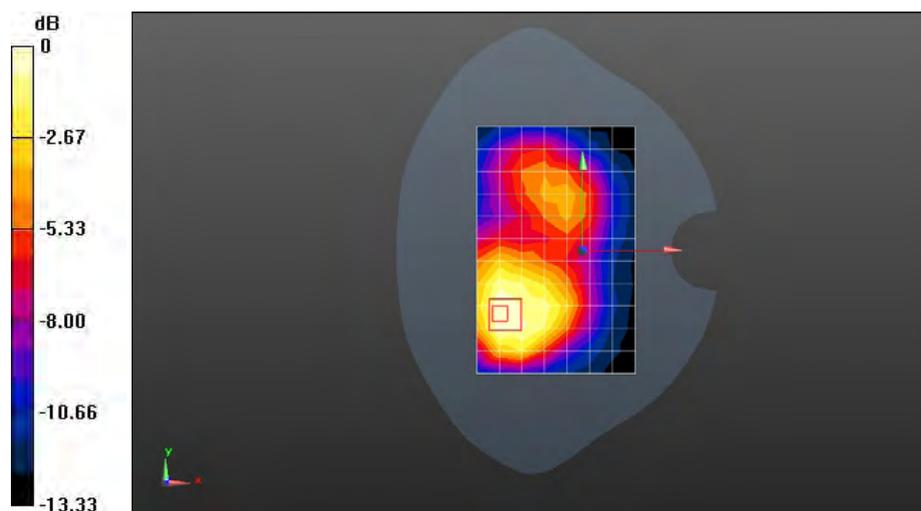Maximum value of SAR (measured) = 0.776 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.095 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.198 mW/g
SAR(1 g) = 0.724 mW/g; SAR(10 g) = 0.444 mW/g
Maximum value of SAR (measured) = 0.775 mW/g

0 dB = 0.776 mW/g = -2.20 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E WCDMA1700 1513CH Towards Ground 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1752.6 MHz

Medium parameters used: f = 1753 MHz; σ = 1.498 mho/m; ε_r = 53.118; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.43, 7.43, 7.43); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
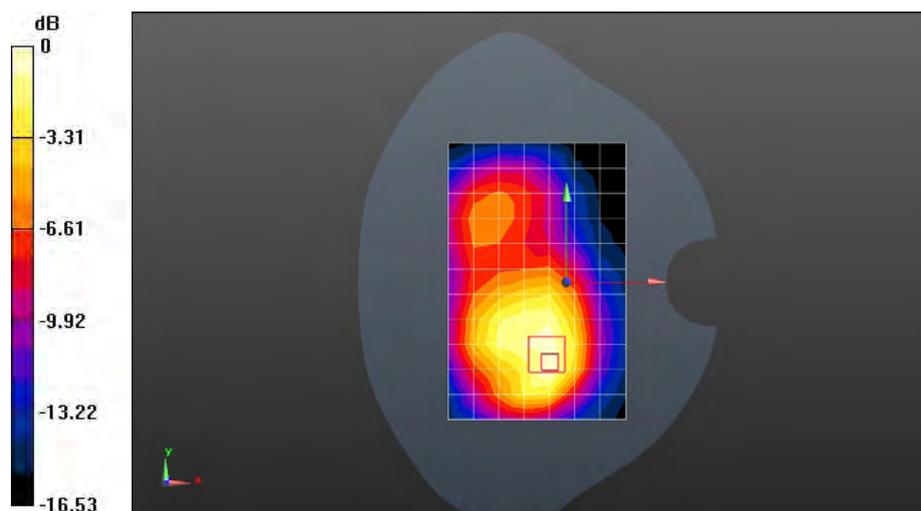Maximum value of SAR (measured) = 0.937 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.677 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.438 mW/g
SAR(1 g) = 0.862 mW/g; SAR(10 g) = 0.510 mW/g
Maximum value of SAR (measured) = 0.934 mW/g

0 dB = 0.937 mW/g = -0.57 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E WCDMA1700 1413CH Towards Ground 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1732.6 MHz

Medium parameters used: f = 1733 MHz; σ = 1.487 mho/m; ε_r = 53.067; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.43, 7.43, 7.43); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
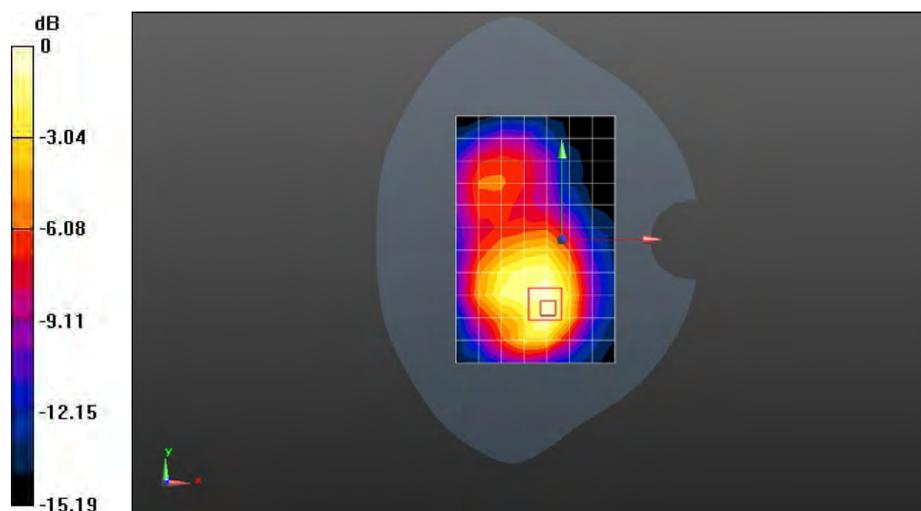Maximum value of SAR (measured) = 0.894 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.334 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.380 mW/g
SAR(1 g) = 0.833 mW/g; SAR(10 g) = 0.494 mW/g
Maximum value of SAR (measured) = 0.916 mW/g

0 dB = 0.894 mW/g = -0.97 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E WCDMA1700 1312CH Towards Ground 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1712.4 MHz
Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.446 mho/m; ε_r = 53.063; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.43, 7.43, 7.43); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.910 mW/g

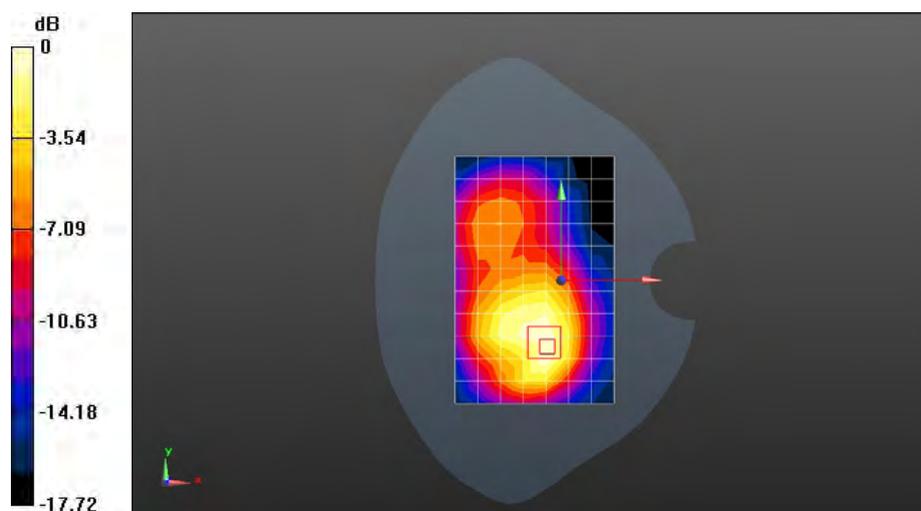**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.607 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.413 mW/g
SAR(1 g) = 0.864 mW/g; SAR(10 g) = 0.517 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.946 mW/g

0 dB = 0.910 mW/g = -0.82 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E WCDMA1700 1413CH Left edge 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1732.6 MHz
Medium parameters used: f = 1733 MHz; σ = 1.487 mho/m; ε_r = 53.067; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.43, 7.43, 7.43); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
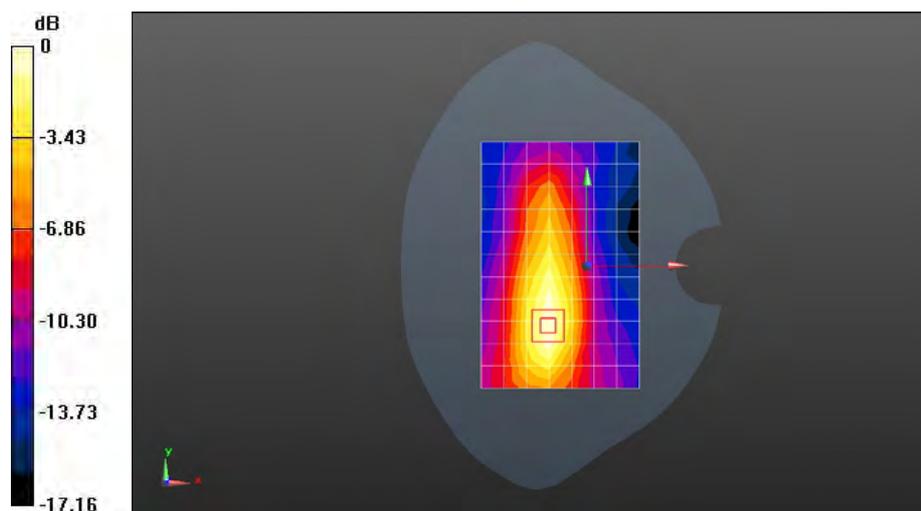Maximum value of SAR (measured) = 0.400 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.153 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.580 mW/g
SAR(1 g) = 0.365 mW/g; SAR(10 g) = 0.218 mW/g
Maximum value of SAR (measured) = 0.398 mW/g

0 dB = 0.400 mW/g = -7.96 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E WCDMA1700 1413CH Right edge 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1732.6 MHz
Medium parameters used: f = 1733 MHz; σ = 1.487 mho/m; ε_r = 53.067; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.43, 7.43, 7.43); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
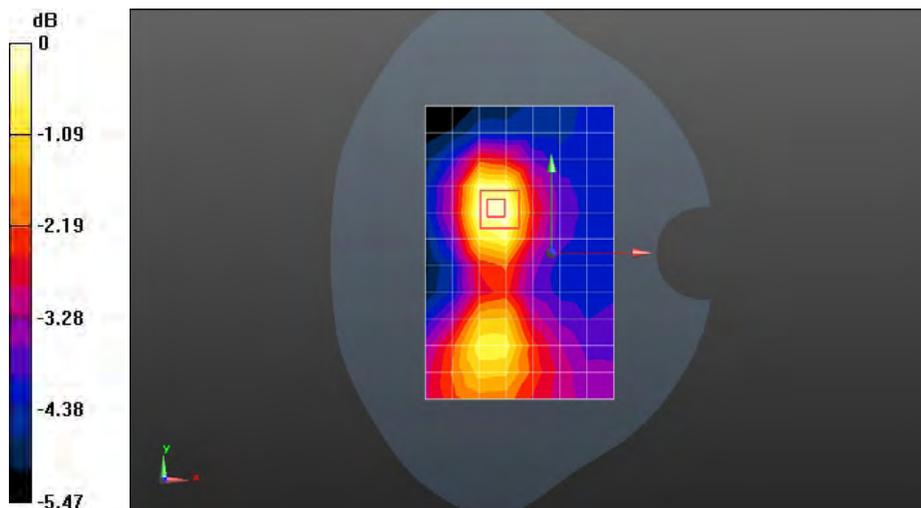Maximum value of SAR (measured) = 0.238 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.121 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.332 mW/g
SAR(1 g) = 0.227 mW/g; SAR(10 g) = 0.158 mW/g
Maximum value of SAR (measured) = 0.244 mW/g

0 dB = 0.238 mW/g = -12.47 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E WCDMA1700 1513CH Bottom edge 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1752.6 MHz
Medium parameters used: f = 1753 MHz; σ = 1.498 mho/m; ε_r = 53.118; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.43, 7.43, 7.43); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
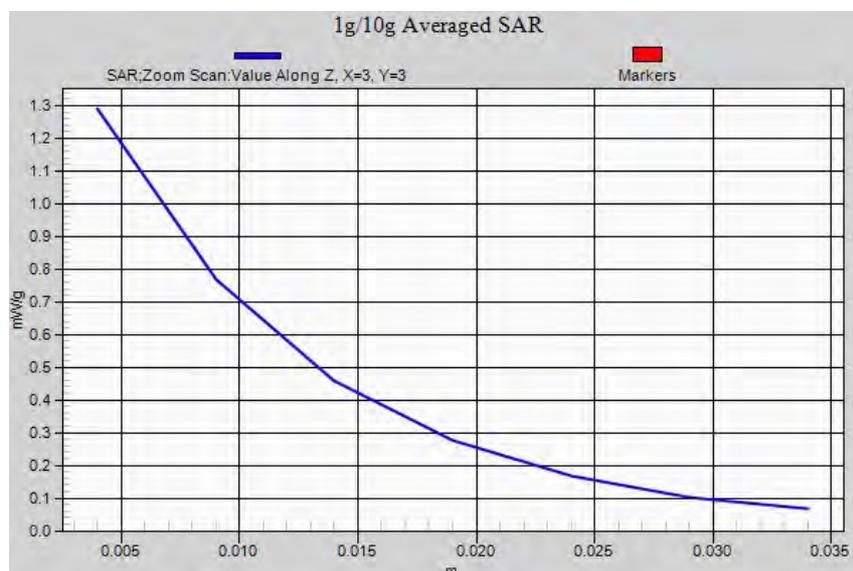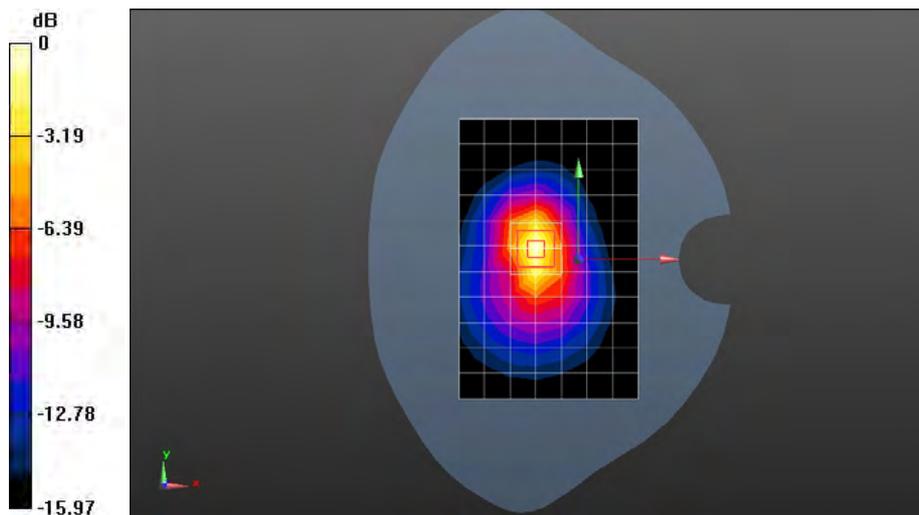Maximum value of SAR (measured) = 1.27 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.730 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.961 mW/g
SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.569 mW/g
Maximum value of SAR (measured) = 1.29 mW/g

0 dB = 1.29 mW/g = 2.21 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E WCDMA1700 1413CH Bottom edge 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1732.6 MHz
Medium parameters used: f = 1733 MHz; σ = 1.487 mho/m; ε_r = 53.067; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.43, 7.43, 7.43); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
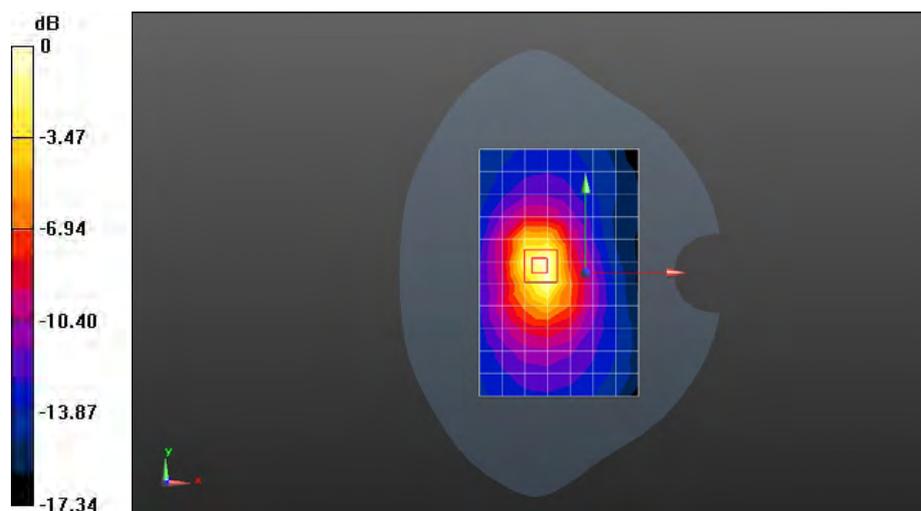Maximum value of SAR (measured) = 0.875 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.315 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.677 mW/g
SAR(1 g) = 0.974 mW/g; SAR(10 g) = 0.499 mW/g
Maximum value of SAR (measured) = 1.12 mW/g

0 dB = 0.875 mW/g = -1.16 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E WCDMA1700 1312CH Bottom edge 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1712.4 MHz
Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.446 mho/m; ε_r = 53.063; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.43, 7.43, 7.43); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.806 mW/g

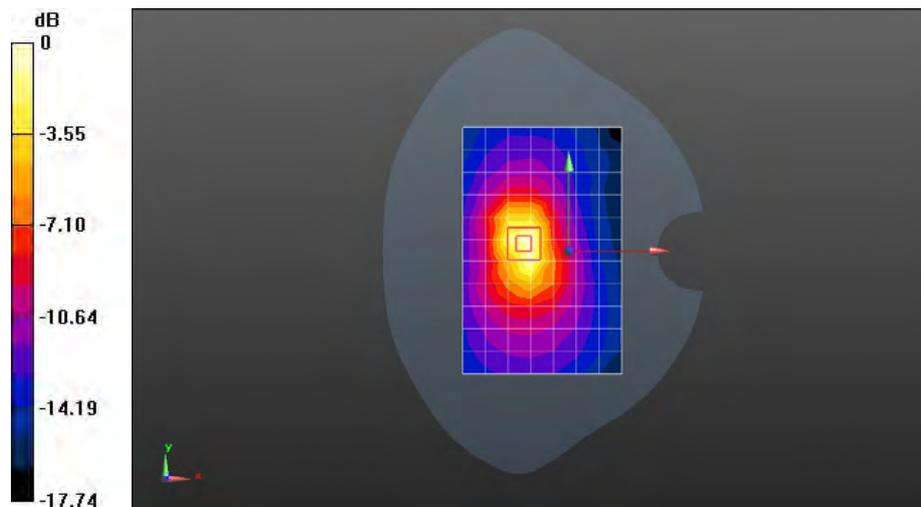**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.677 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.531 mW/g
SAR(1 g) = 0.890 mW/g; SAR(10 g) = 0.455 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.03 mW/g

0 dB = 0.806 mW/g = -1.87 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E WCDMA1700 1312CH Towards Ground 10mm with Headset

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1712.4 MHz
Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.446 mho/m; ε_r = 53.063; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.43, 7.43, 7.43); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.934 mW/g

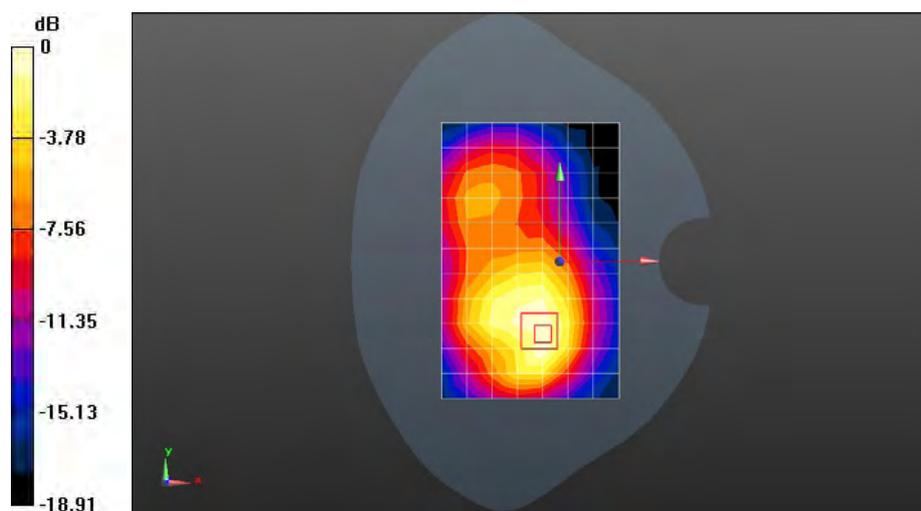**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.780 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.437 mW/g
SAR(1 g) = 0.883 mW/g; SAR(10 g) = 0.531 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.966 mW/g

0 dB = 0.934 mW/g = -0.59 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E WCDMA1900 9400CH Left hand touch cheek

DUT: U9510E; Type: HSHSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz

Medium parameters used: f = 1880 MHz; σ = 1.434 mho/m; $ε_r$ = 39.851; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.67, 7.67, 7.67); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.443 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.995 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.689 mW/g
SAR(1 g) = 0.414 mW/g; SAR(10 g) = 0.249 mW/g
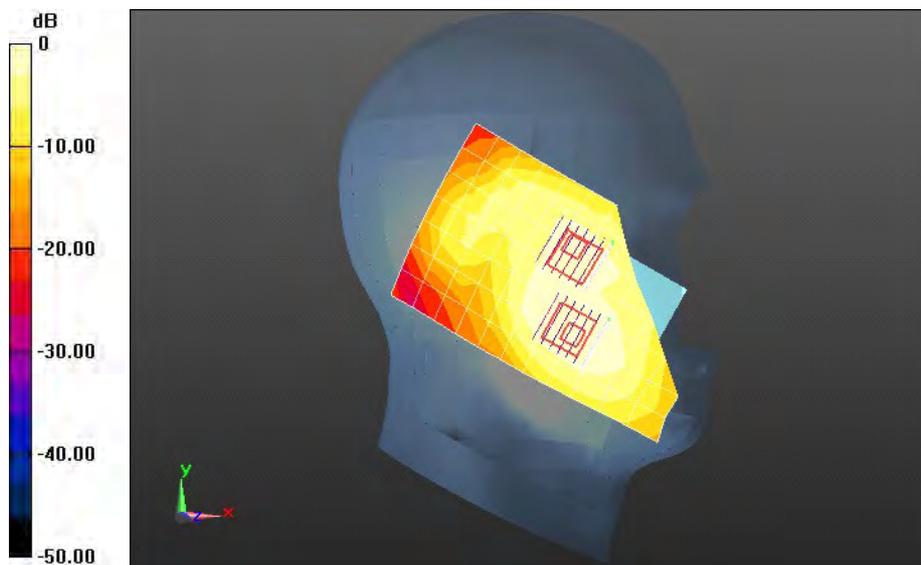Maximum value of SAR (measured) = 0.450 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.995 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.411 mW/g
SAR(1 g) = 0.275 mW/g; SAR(10 g) = 0.178 mW/g
Maximum value of SAR (measured) = 0.295 mW/g

0 dB = 0.443 mW/g = -7.07 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E WCDMA1900 9400CH Left hand tilt 15 degree

DUT: U9510E; Type: HSHSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.434 mho/m; $ε_r$ = 39.851; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.67, 7.67, 7.67); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
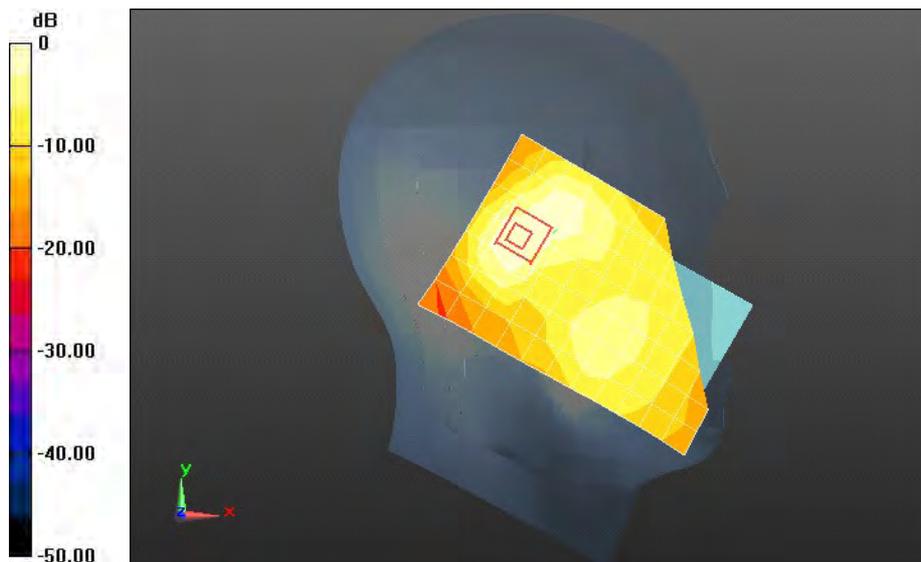Maximum value of SAR (measured) = 0.275 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.386 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.485 mW/g
SAR(1 g) = 0.273 mW/g; SAR(10 g) = 0.150 mW/g
Maximum value of SAR (measured) = 0.307 mW/g

0 dB = 0.275 mW/g = -11.21 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E WCDMA1900 9400CH Right hand touch cheek

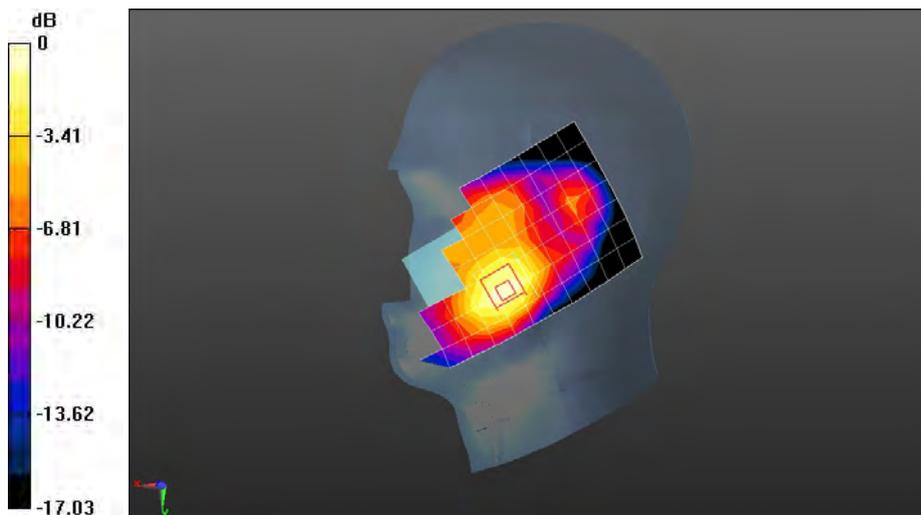**DUT: U9510E; Type: HSHSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.434 mho/m; ε_r = 39.851; ρ = 1000 kg/m^3
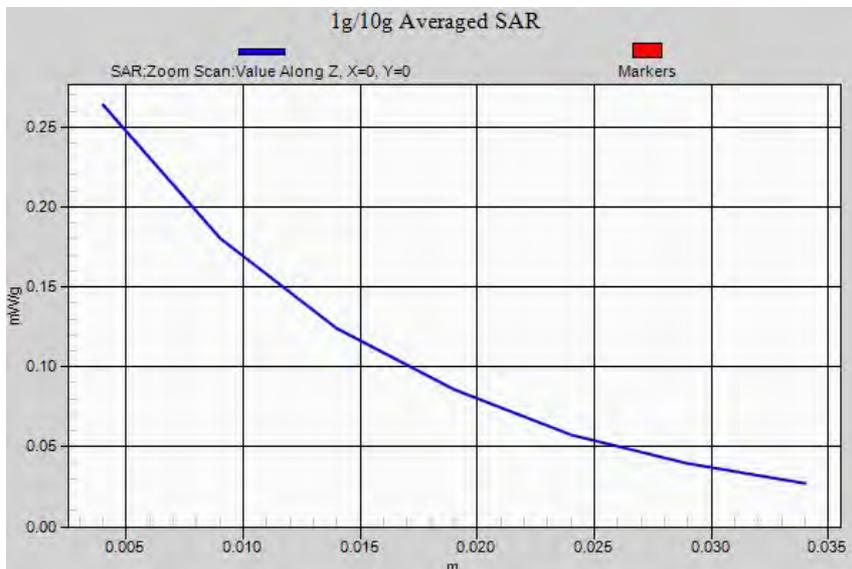Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.67, 7.67, 7.67); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.510 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.205 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.810 mW/g
SAR(1 g) = 0.501 mW/g; SAR(10 g) = 0.300 mW/g
Maximum value of SAR (measured) = 0.545 mW/g

0 dB = 0.545 mW/g = -5.27 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E WCDMA1900 9400CH Right hand tilt 15 degree

DUT: U9510E; Type: HSHSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz

Medium parameters used: f = 1880 MHz; σ = 1.434 mho/m; ε_r = 39.851; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.67, 7.67, 7.67); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.251 mW/g

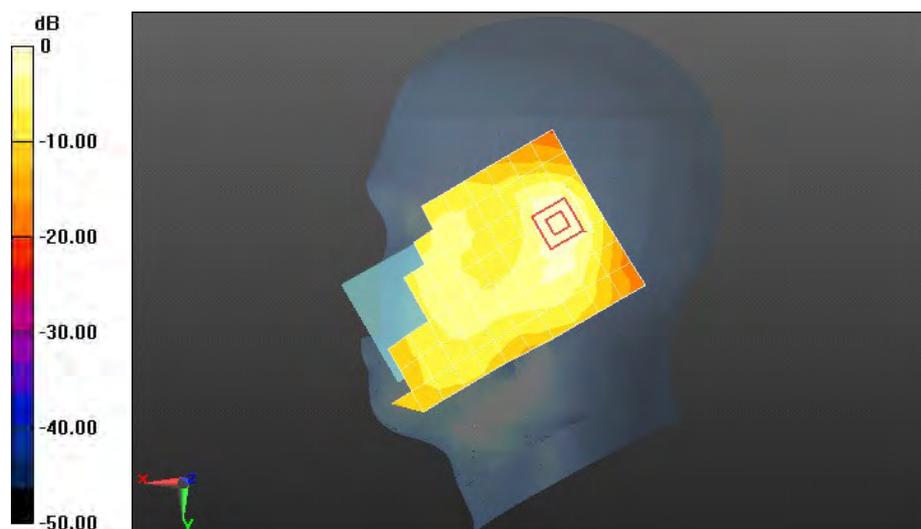**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.668 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.491 mW/g
SAR(1 g) = 0.278 mW/g; SAR(10 g) = 0.149 mW/g
Maximum value of SAR (measured) = 0.315 mW/g

0 dB = 0.251 mW/g = -12.01 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E WCDMA1900 9400CH Towards Phantom 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.536 mho/m; ε_r = 52.98; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
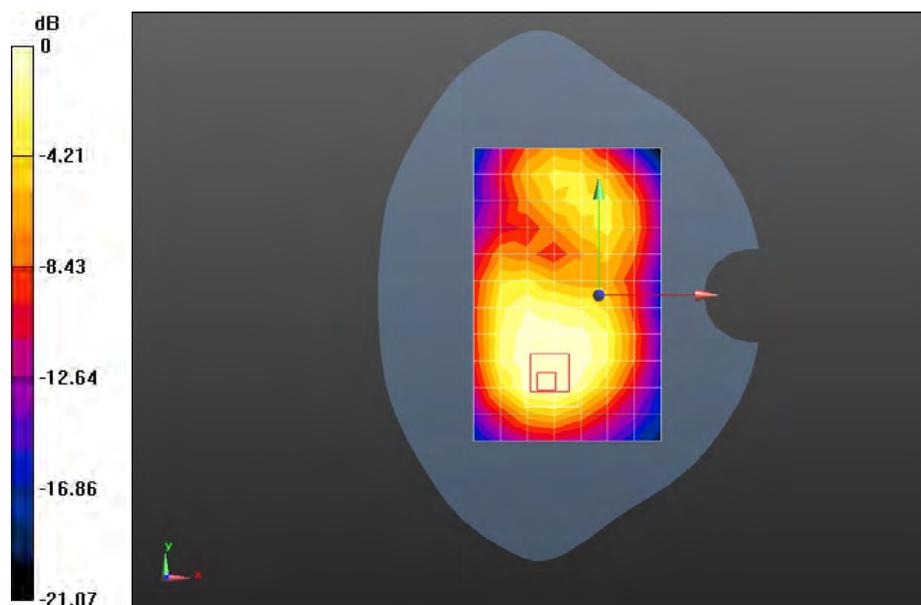Maximum value of SAR (measured) = 0.661 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.129 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.007 mW/g
SAR(1 g) = 0.632 mW/g; SAR(10 g) = 0.387 mW/g
Maximum value of SAR (measured) = 0.692 mW/g

0 dB = 0.661 mW/g = -3.60 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E WCDMA1900 9400CH Towards Ground 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.536 mho/m; ε_r = 52.98; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
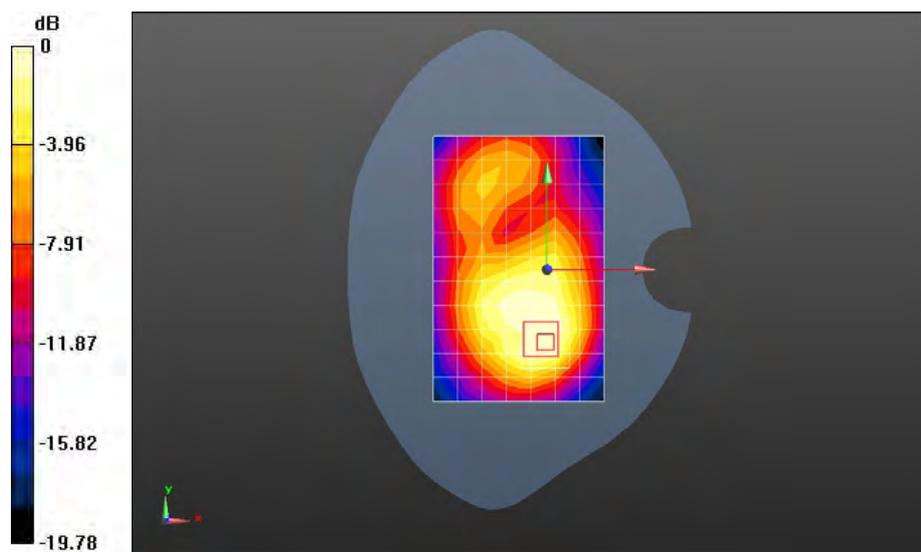Maximum value of SAR (measured) = 0.683 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.820 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.147 mW/g
SAR(1 g) = 0.687 mW/g; SAR(10 g) = 0.403 mW/g
Maximum value of SAR (measured) = 0.760 mW/g

0 dB = 0.683 mW/g = -3.31 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E WCDMA1900 9400CH Left edge 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz

Medium parameters used: f = 1880 MHz; σ = 1.536 mho/m; ε_r = 52.98; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
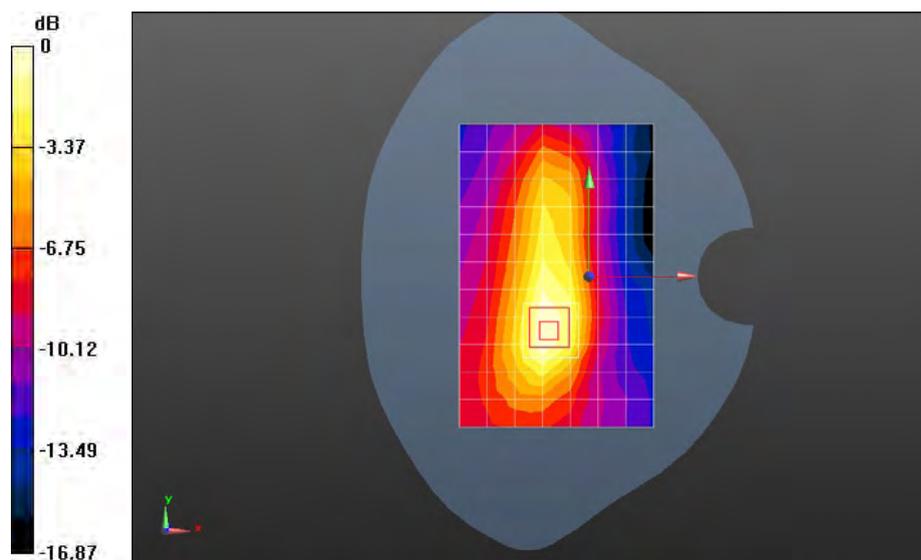
Maximum value of SAR (measured) = 0.395 mW/g

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

Reference Value = 13.429 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.639 mW/g

SAR(1 g) = 0.394 mW/g; SAR(10 g) = 0.229 mW/g

Maximum value of SAR (measured) = 0.436 mW/g

0 dB = 0.395 mW/g = -8.06 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E WCDMA1900 9400CH Right edge 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.536 mho/m; ε_r = 52.98; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.209 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.057 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.317 mW/g
SAR(1 g) = 0.199 mW/g; SAR(10 g) = 0.117 mW/g
Maximum value of SAR (measured) = 0.219 mW/g

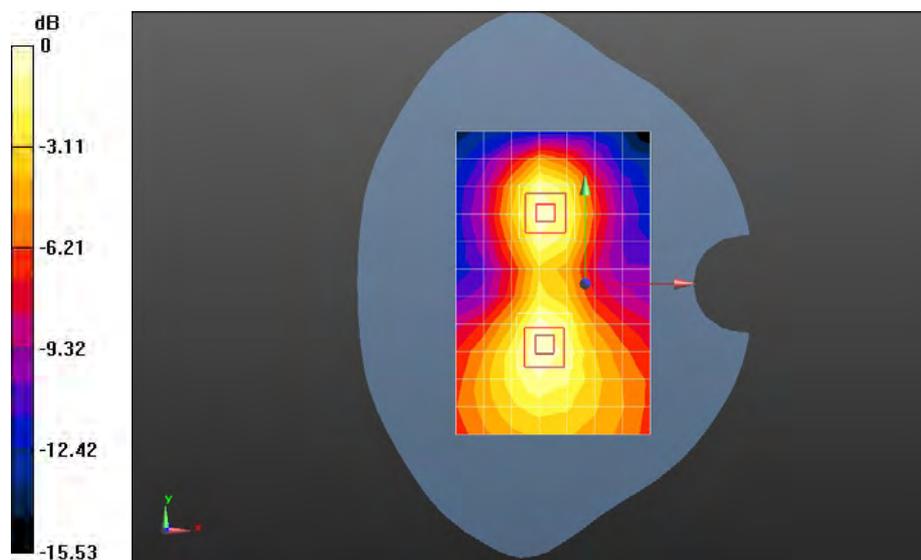**Configuration/Body/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.057 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.306 mW/g
SAR(1 g) = 0.197 mW/g; SAR(10 g) = 0.119 mW/g
Maximum value of SAR (measured) = 0.216 mW/g

0 dB = 0.209 mW/g = -13.59 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E WCDMA1900 9538CH Bottom edge 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1907.6 MHz

Medium parameters used: f = 1908 MHz; σ = 1.563 mho/m; ε_r = 53.097; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
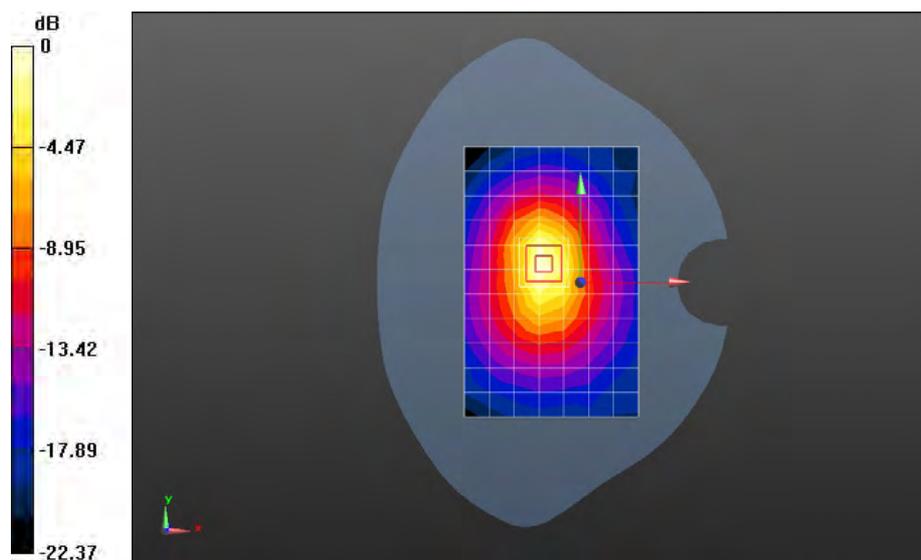
Maximum value of SAR (measured) = 1.25 mW/g

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

Reference Value = 24.663 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.166 mW/g

SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.629 mW/g

Maximum value of SAR (measured) = 1.41 mW/g

0 dB = 1.25 mW/g = 1.91 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E WCDMA1900 9400CH Bottom edge 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz

Medium parameters used: f = 1880 MHz; σ = 1.536 mho/m; ε_r = 52.98; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
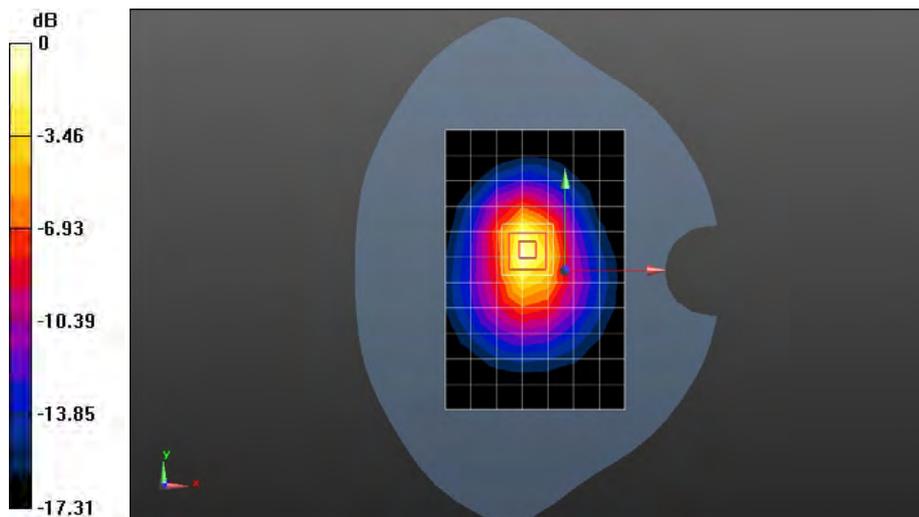Maximum value of SAR (measured) = 1.24 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.479 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 2.140 mW/g
SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.631 mW/g
Maximum value of SAR (measured) = 1.41 mW/g

0 dB = 1.41 mW/g = 2.98 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E WCDMA1900 9262CH Bottom edge 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1852.4 MHz

Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.492 mho/m; ε_r = 53.127; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

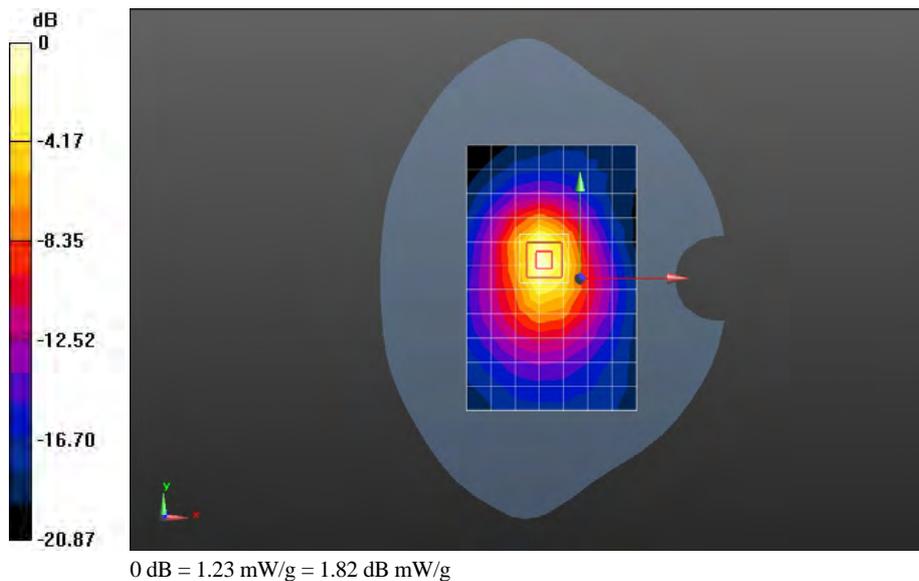**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.270 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 2.073 mW/g
SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.619 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.37 mW/g

0 dB = 1.23 mW/g = 1.82 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E WCDMA1900 9400CH Towards Ground 10mm with Headset

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz

Medium parameters used: f = 1880 MHz; σ = 1.536 mho/m; ε_r = 52.98; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.684 mW/g

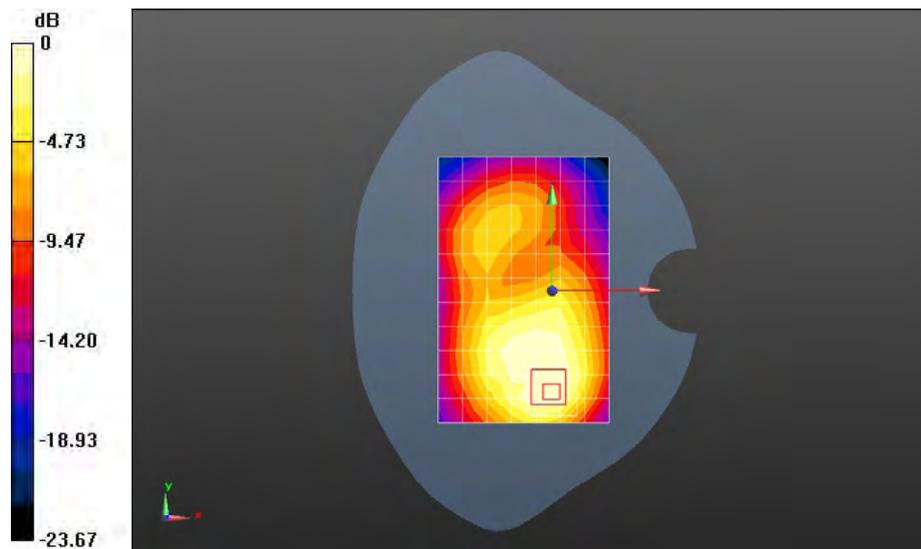**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.455 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 1.177 mW/g
SAR(1 g) = 0.706 mW/g; SAR(10 g) = 0.410 mW/g
Maximum value of SAR (measured) = 0.783 mW/g

0 dB = 0.684 mW/g = -3.30 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E WiFi 11b 6CH Left hand touch cheek

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: WiFi(802.11b/g/n); Frequency: 2437 MHz

Medium parameters used: f = 2437 MHz; σ = 1.801 mho/m; ε_r = 40.198; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.78, 6.78, 6.78); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.115 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.659 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.266 mW/g
SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.054 mW/g
Maximum value of SAR (measured) = 0.119 mW/g

0 dB = 0.115 mW/g = -18.79 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E WiFi 11b 6CH Left hand tilt 15 degree

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: WiFi(802.11b/g/n); Frequency: 2437 MHz

Medium parameters used: f = 2437 MHz; σ = 1.801 mho/m; ε_r = 40.198; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.78, 6.78, 6.78); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
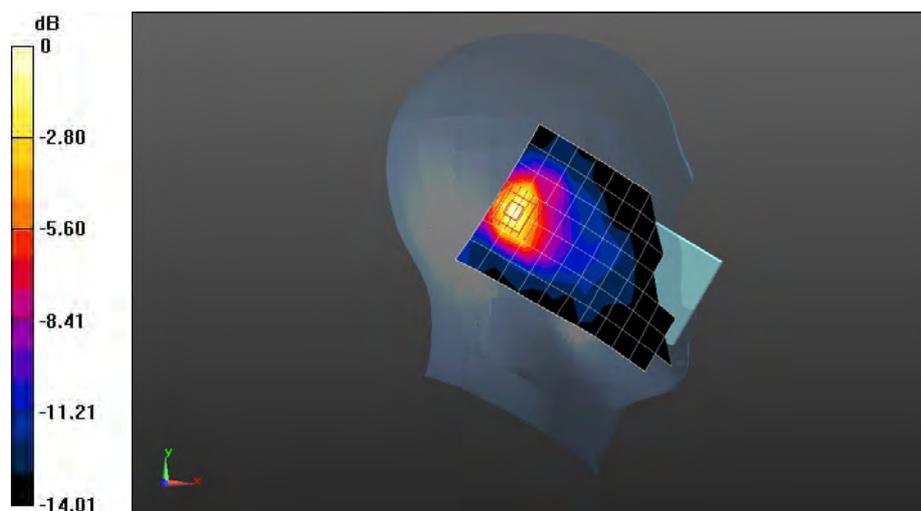Maximum value of SAR (measured) = 0.179 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.511 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.343 mW/g
SAR(1 g) = 0.159 mW/g; SAR(10 g) = 0.075 mW/g
Maximum value of SAR (measured) = 0.178 mW/g

0 dB = 0.178 mW/g = -14.99 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E WiFi 11b 6CH Right hand touch cheek

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: WiFi(802.11b/g/n); Frequency: 2437 MHz

Medium parameters used: f = 2437 MHz; σ = 1.801 mho/m; ε_r = 40.198; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.78, 6.78, 6.78); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
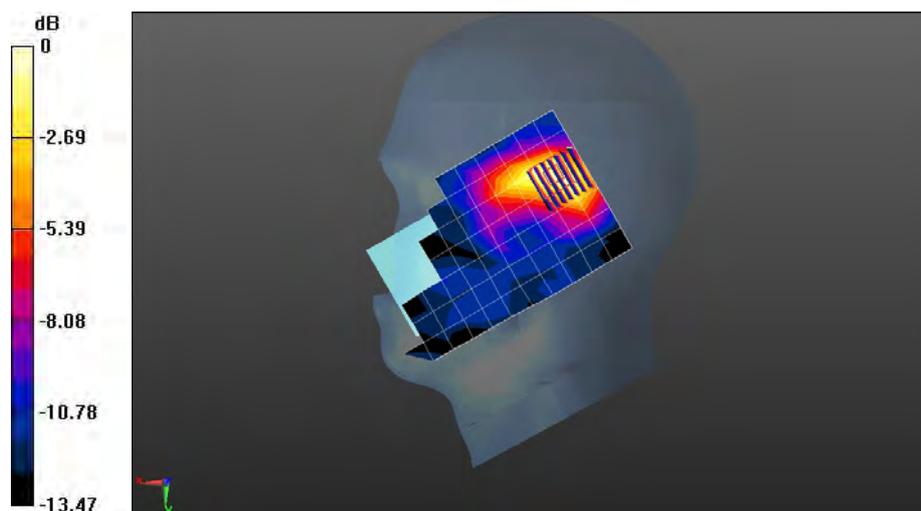Maximum value of SAR (measured) = 0.120 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.413 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.245 mW/g
SAR(1 g) = 0.113 mW/g; SAR(10 g) = 0.056 mW/g
Maximum value of SAR (measured) = 0.123 mW/g

0 dB = 0.120 mW/g = -18.42 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E WiFi 11b 6CH Right hand tilt 15 degree

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: WiFi(802.11b/g/n); Frequency: 2437 MHz
Medium parameters used: f = 2437 MHz; σ = 1.801 mho/m; ε_r = 40.198; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.78, 6.78, 6.78); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
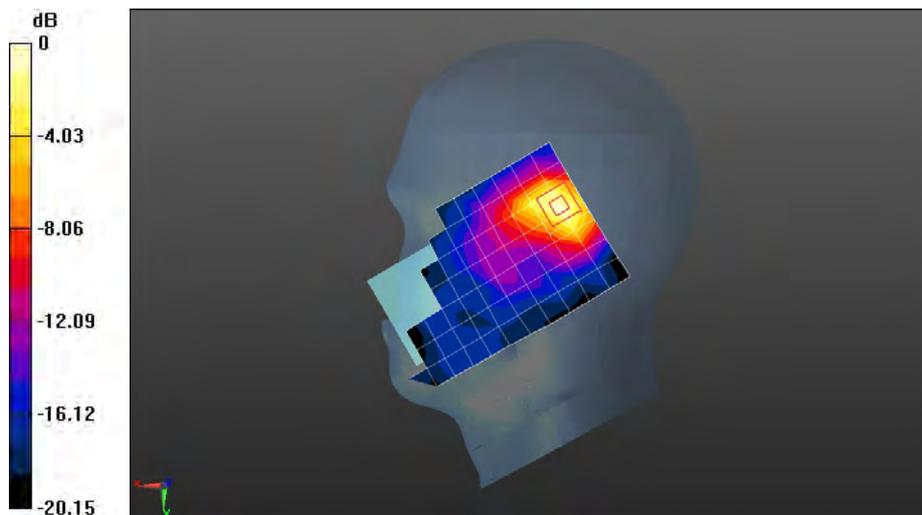Maximum value of SAR (measured) = 0.218 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
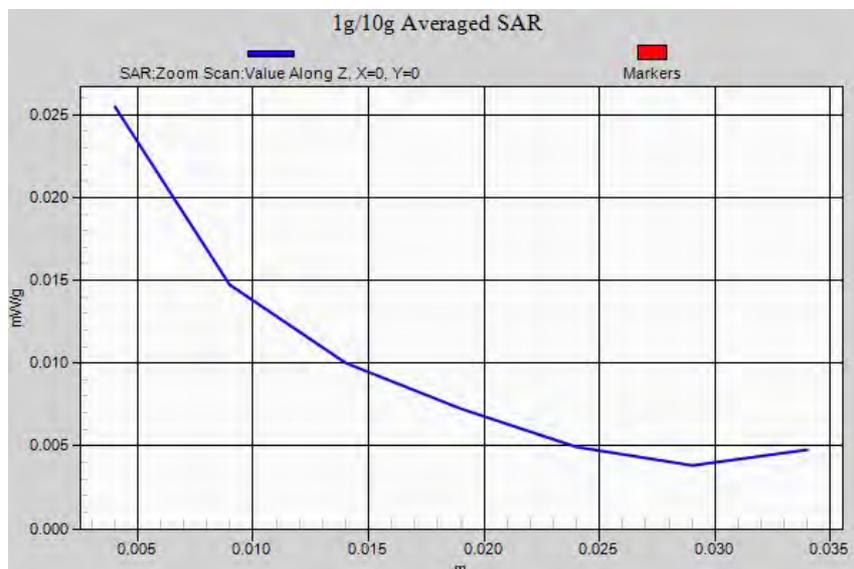Reference Value = 5.200 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.470 mW/g
SAR(1 g) = 0.206 mW/g; SAR(10 g) = 0.093 mW/g
Maximum value of SAR (measured) = 0.234 mW/g

0 dB = 0.234 mW/g = -12.62 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E WiFi 11b 6CH Towards Phantom 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: WiFi(802.11b/g/n); Frequency: 2437 MHz
Medium parameters used: f = 2437 MHz; σ = 2.005 mho/m; $ε_r$ = 52.298; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.85, 6.85, 6.85); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
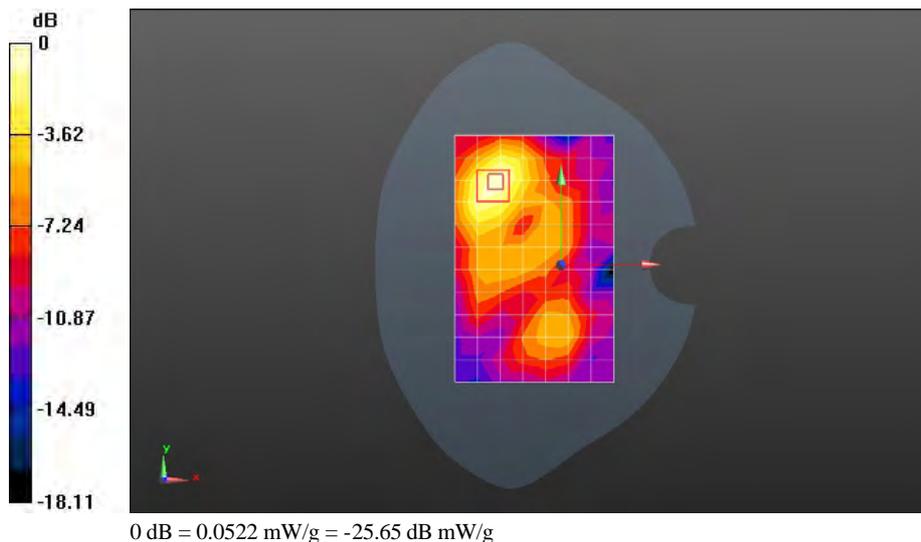Maximum value of SAR (measured) = 0.0522 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.913 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.089 mW/g
SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.025 mW/g
Maximum value of SAR (measured) = 0.0521 mW/g

0 dB = 0.0522 mW/g = -25.65 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E WiFi 11b 6CH Towards Ground 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: WiFi(802.11b/g/n); Frequency: 2437 MHz

Medium parameters used: f = 2437 MHz; σ = 2.005 mho/m; ε_r = 52.298; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.85, 6.85, 6.85); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
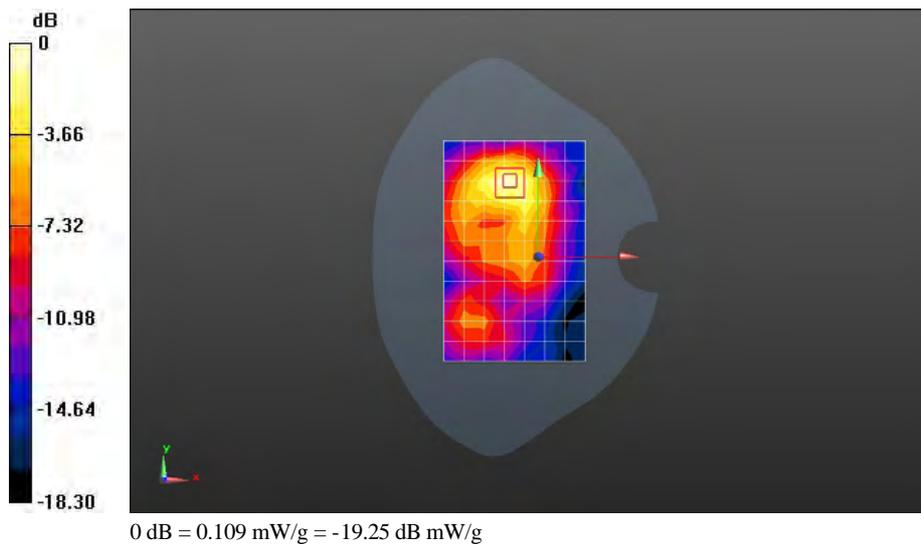Maximum value of SAR (measured) = 0.109 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.075 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.201 mW/g
SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.051 mW/g
Maximum value of SAR (measured) = 0.115 mW/g

0 dB = 0.109 mW/g = -19.25 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E WiFi 11b 6CH Left edge 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: WiFi(802.11b/g/n); Frequency: 2437 MHz
Medium parameters used: f = 2437 MHz; σ = 2.005 mho/m; ε_r = 52.298; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.85, 6.85, 6.85); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
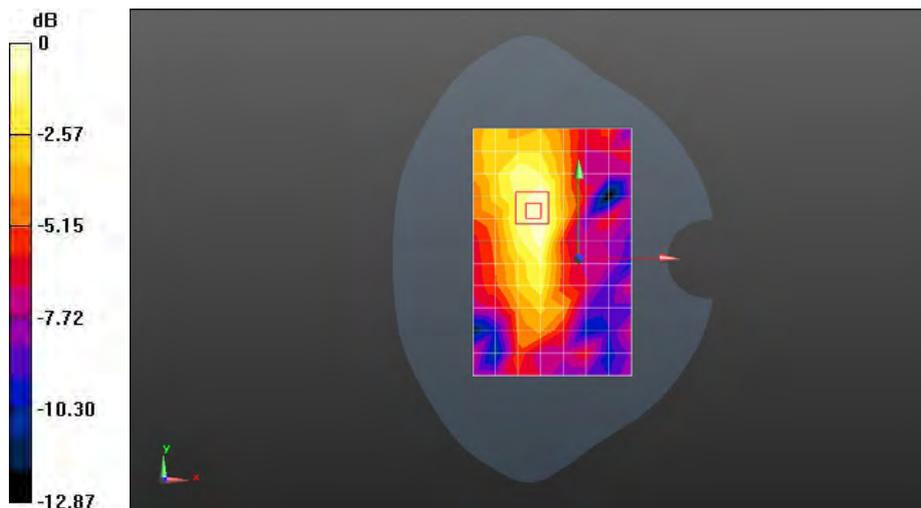Maximum value of SAR (measured) = 0.0215 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.387 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.043 mW/g
SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.014 mW/g
Maximum value of SAR (measured) = 0.0241 mW/g

0 dB = 0.0215 mW/g = -33.35 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E WiFi 11b 6CH Right edge 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: WiFi(802.11b/g/n); Frequency: 2437 MHz
Medium parameters used: f = 2437 MHz; σ = 2.005 mho/m; ε_r = 52.298; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.85, 6.85, 6.85); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0213 mW/g

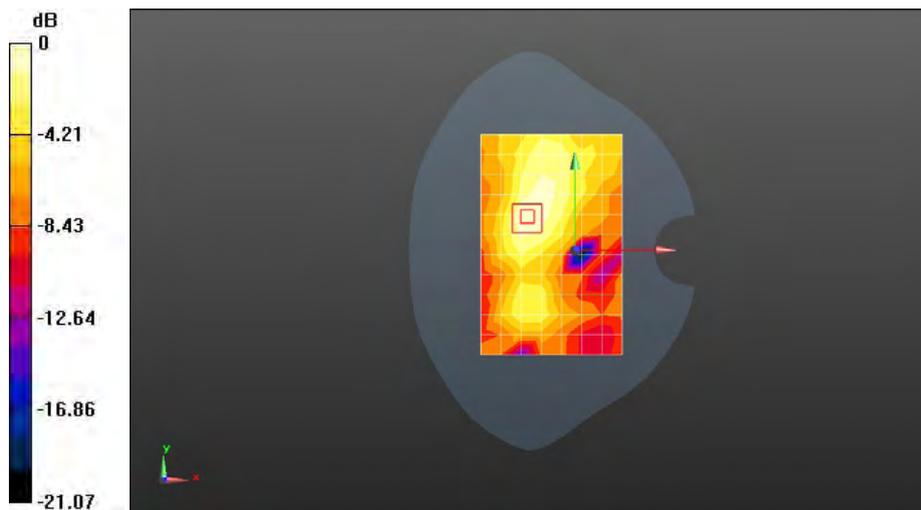**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.866 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.045 mW/g
SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.012 mW/g
Maximum value of SAR (measured) = 0.0258 mW/g

0 dB = 0.0213 mW/g = -33.43 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U9510E WiFi 11b 6CH Top edge 10mm

DUT: U9510E; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: WiFi(802.11b/g/n); Frequency: 2437 MHz

Medium parameters used: f = 2437 MHz; σ = 2.005 mho/m; ε_r = 52.298; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.85, 6.85, 6.85); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.118 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.370 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.313 mW/g
SAR(1 g) = 0.152 mW/g; SAR(10 g) = 0.070 mW/g
Maximum value of SAR (measured) = 0.177 mW/g

0 dB = 0.177 mW/g = -15.04 dB mW/g