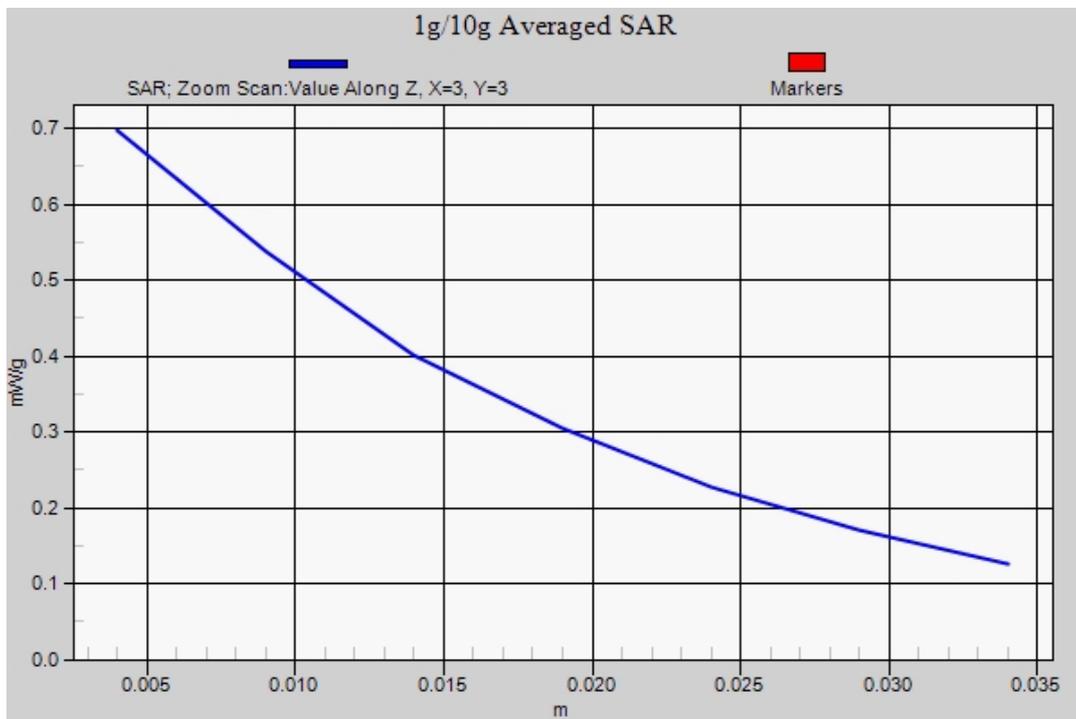0 dB = 0.697mW/g

Test Laboratory: HUAWEI GCTC Lab

U2800-5 GSM850 GPRS 2TS 190CH Towards Ground 15mm

DUT: U2800-5; Type: Handset; Serial: 2TA9MA1153100068

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 836.6 MHz
Medium parameters used: f = 837 MHz; σ = 0.962 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.79, 8.99, 9.47); Calibrated: 11/16/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
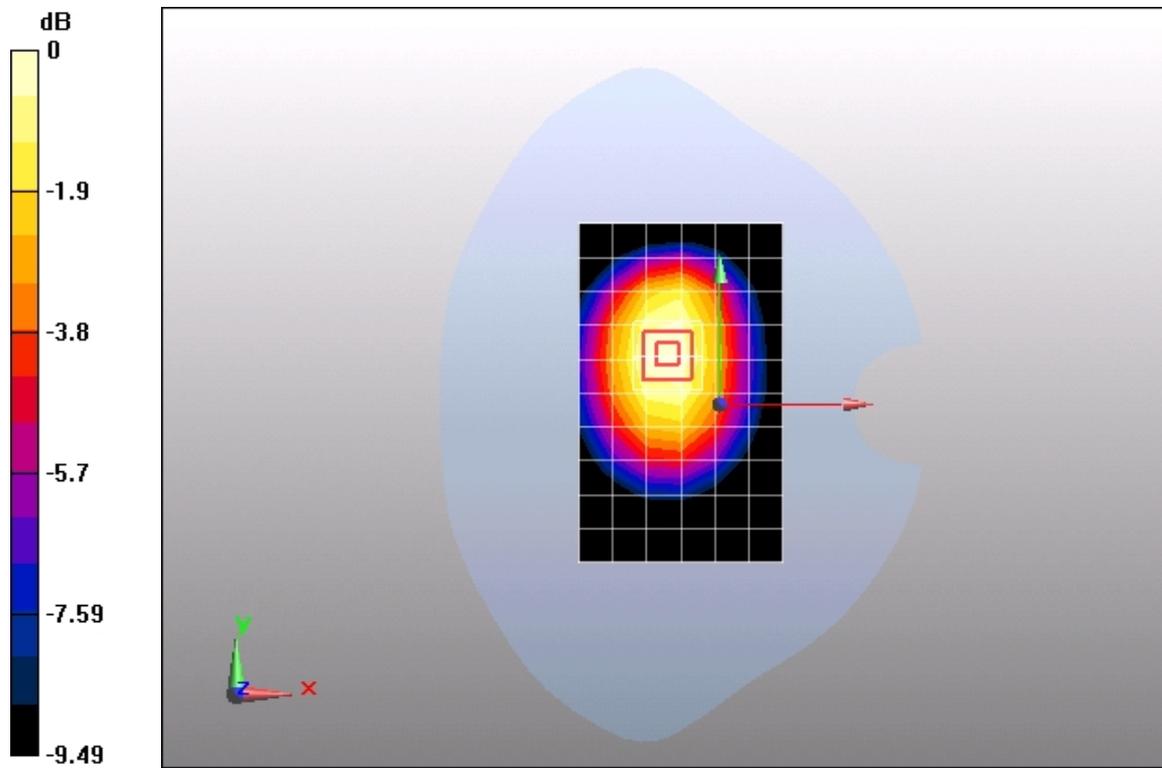Maximum value of SAR (measured) = 0.843 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
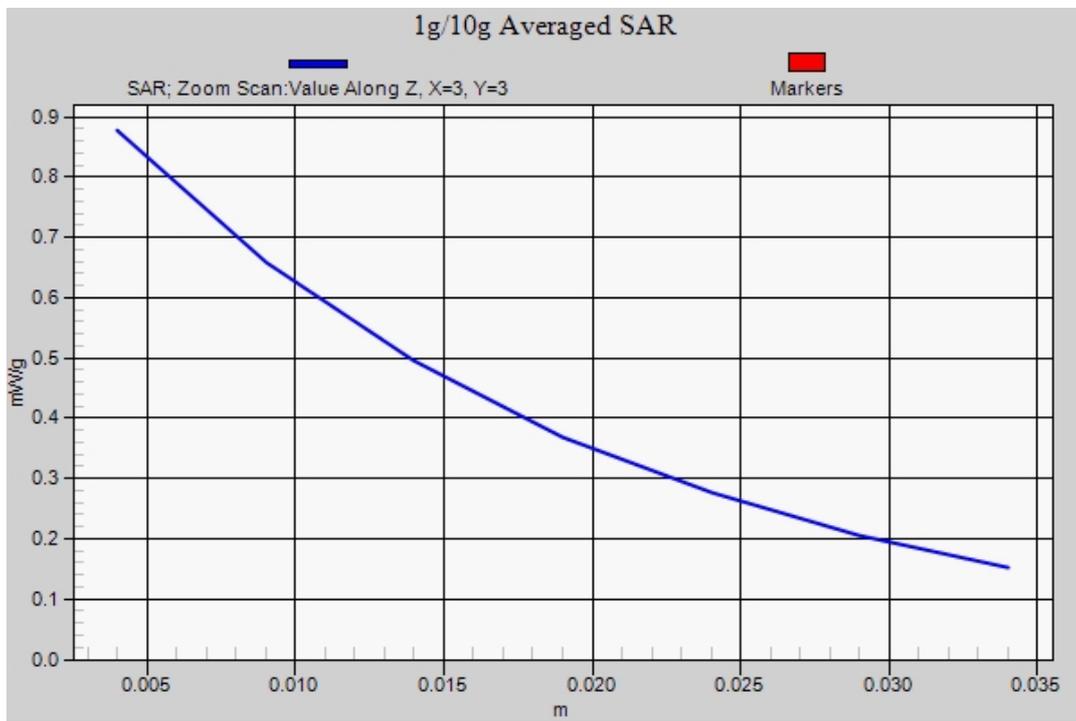Reference Value = 27.1 V/m; Power Drift = -0.149 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.825 mW/g; SAR(10 g) = 0.593 mW/g
Maximum value of SAR (measured) = 0.878 mW/g

dB
0

-1.9

-3.8

-5.7

-7.59

-9.49

0 dB = 0.878mW/g

1g/10g Averaged SAR

SAR; Zoom Scan:Value Along Z, X=3, Y=3   Markers

Test Laboratory: HUAWEI GCTC Lab

U2800-5 GSM850 GPRS 2TS 251CH Towards Ground 15mm

DUT: U2800-5; Type: Handset; Serial: 2TA9MA1153100068

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 848.8 MHz
Medium parameters used: f = 849 MHz; σ = 0.974 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.79, 8.99, 9.47); Calibrated: 11/16/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
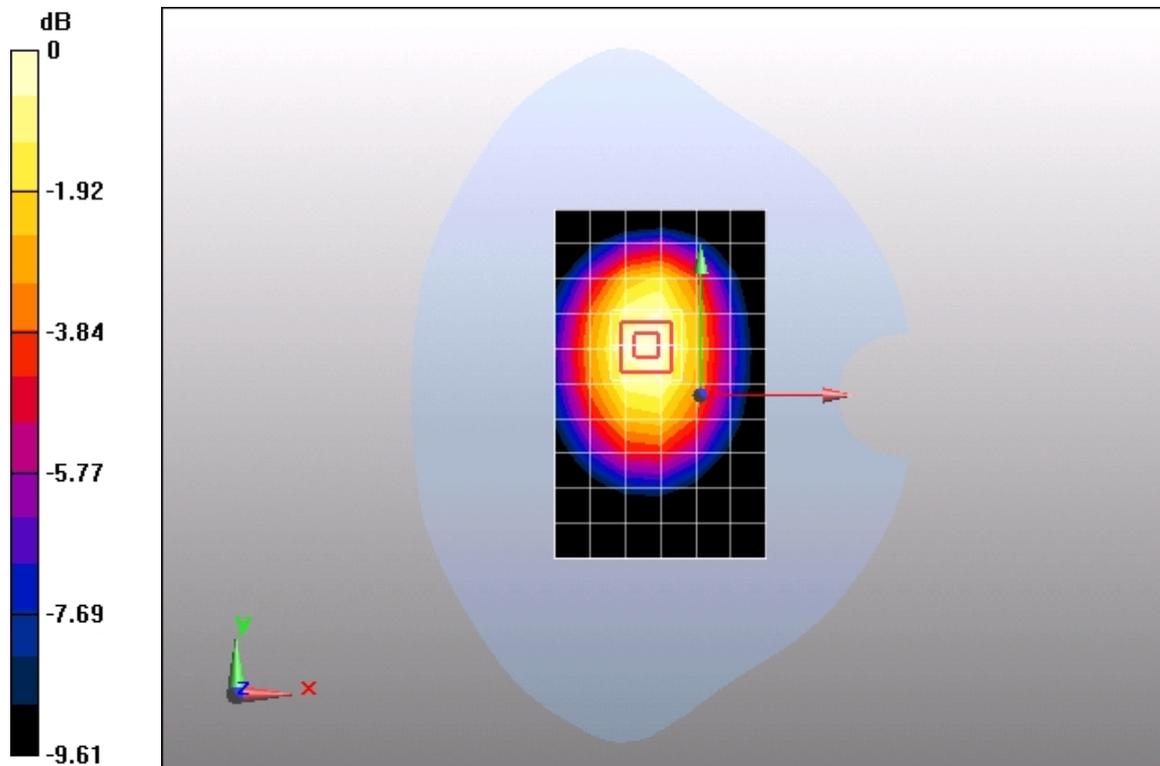Maximum value of SAR (measured) = 0.912 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
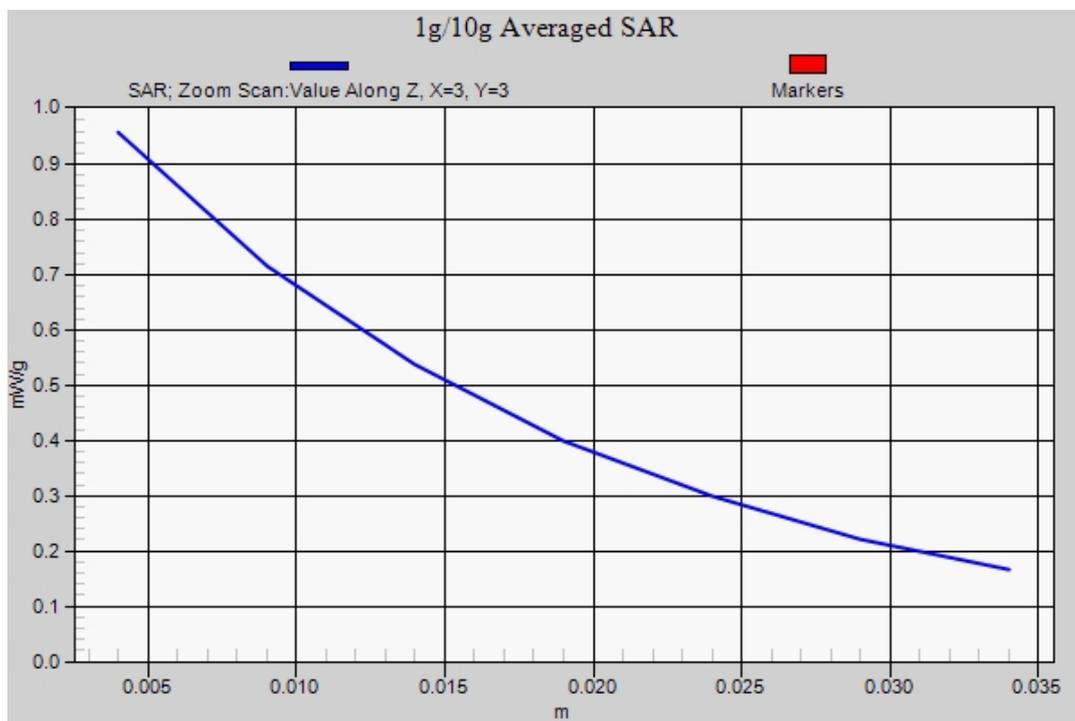Reference Value = 28 V/m; Power Drift = -0.013 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.900 mW/g; SAR(10 g) = 0.646 mW/g
Maximum value of SAR (measured) = 0.958 mW/g

0 dB = 0.958mW/g

Test Laboratory: HUAWEI GCTC Lab

U2800-5 GSM850 GPRS 2TS 128CH Towards Ground 15mm

DUT: U2800-5; Type: Handset; Serial: 2TA9MA1153100068

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 824.2 MHz

Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.949 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3

Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.79, 8.99, 9.47); Calibrated: 11/16/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.785 mW/g

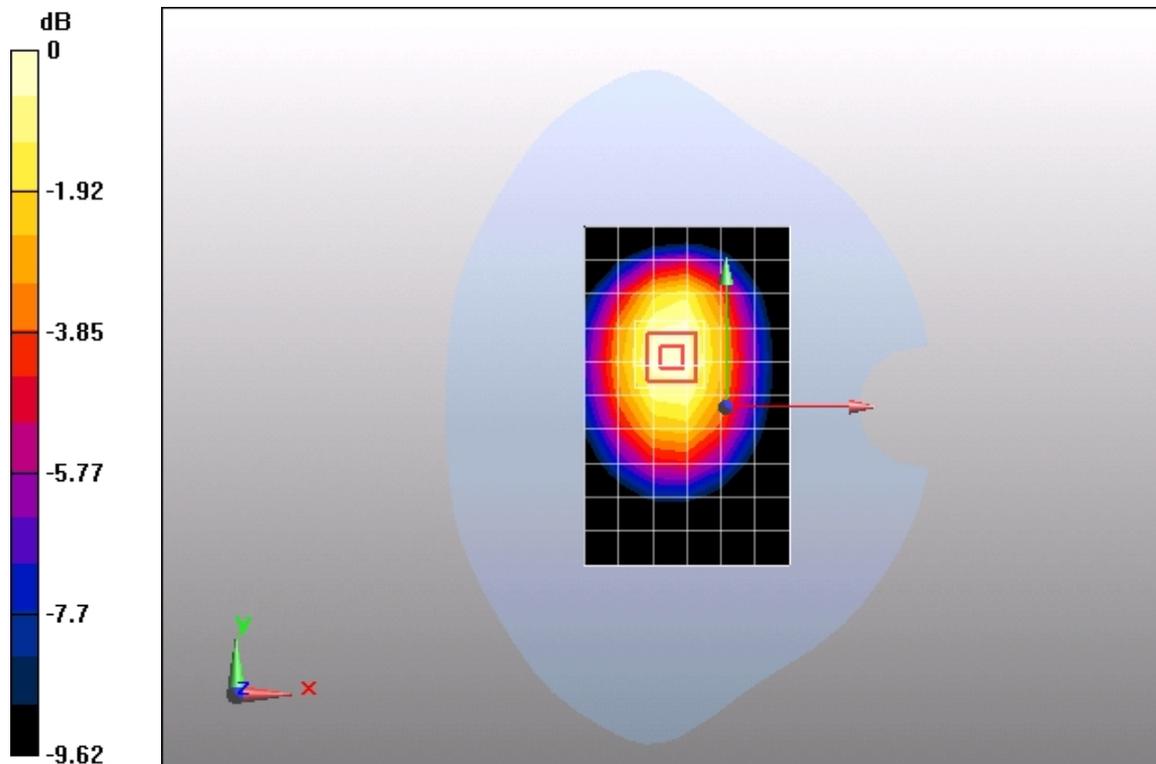## Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.1 V/m; Power Drift = 0.019 dB
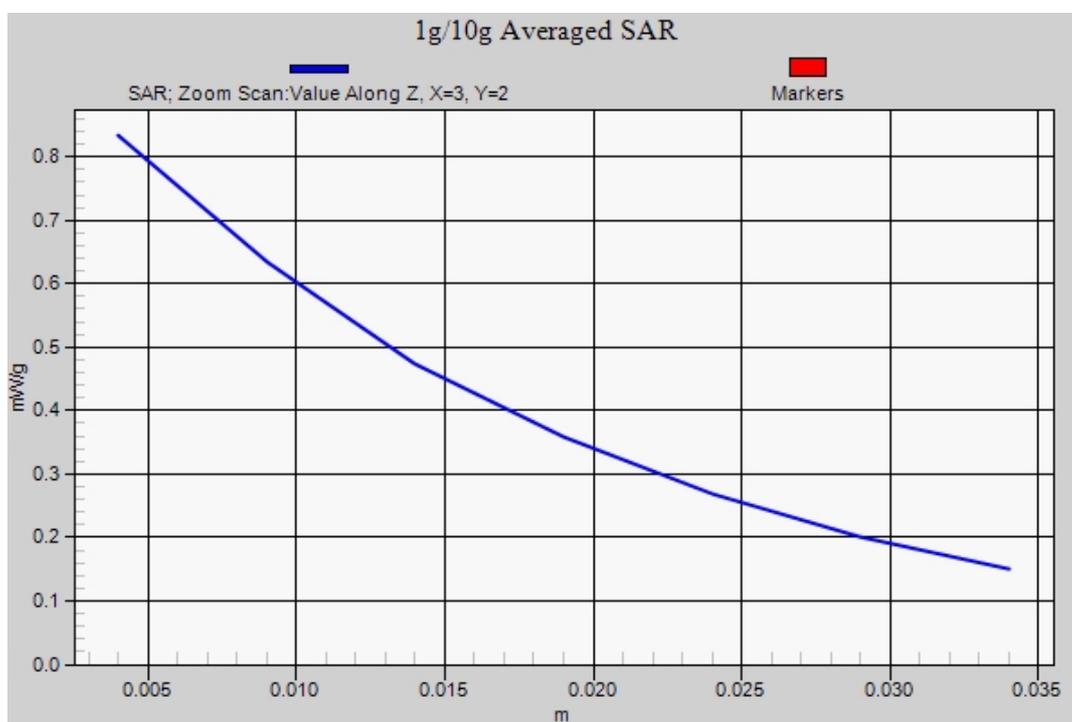Peak SAR (extrapolated) = 1 W/kg
SAR(1 g) = 0.788 mW/g; SAR(10 g) = 0.570 mW/g

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

0 dB = 0.833mW/g

Test Laboratory: HUAWEI GCTC Lab

U2800-5 GSM850 GPRS 2TS 251CH Towards Ground 15mm with Headset

DUT: U2800-5; Type: Handset; Serial: 2TA9MA1153100068

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 848.8 MHz

Medium parameters used: f = 849 MHz; σ = 0.974 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3

Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.79, 8.99, 9.47); Calibrated: 11/16/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
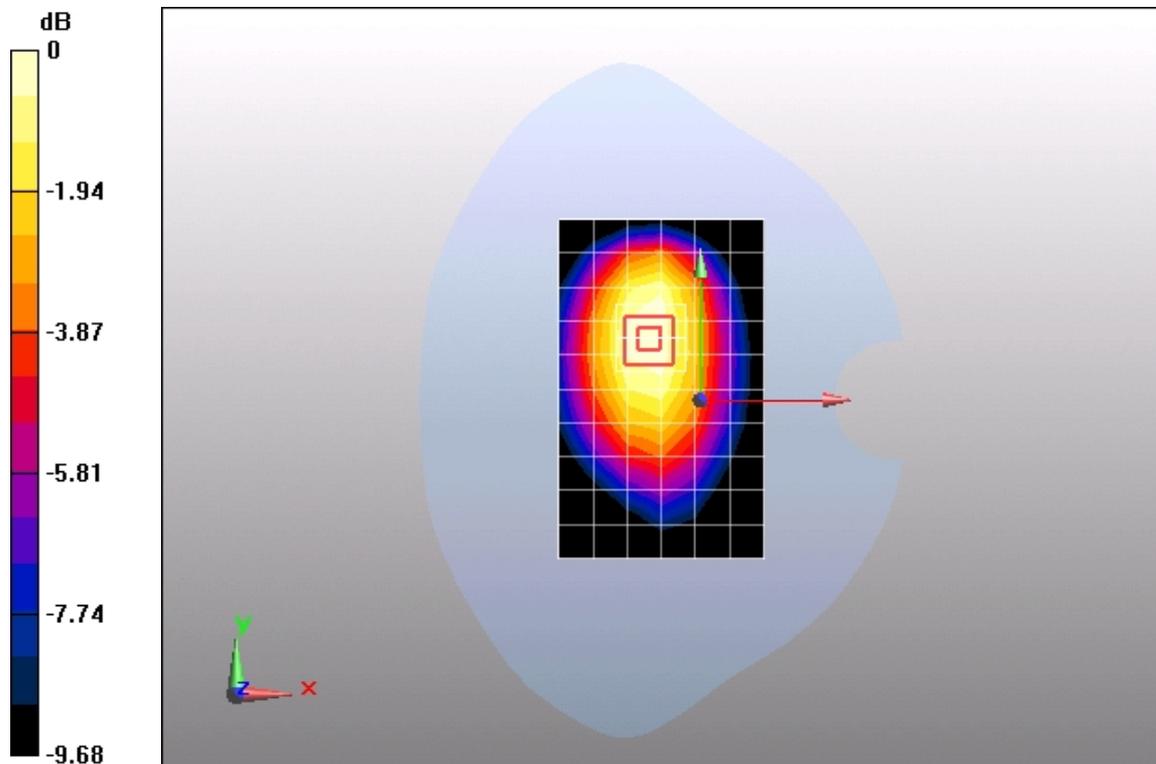Maximum value of SAR (measured) = 0.607 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
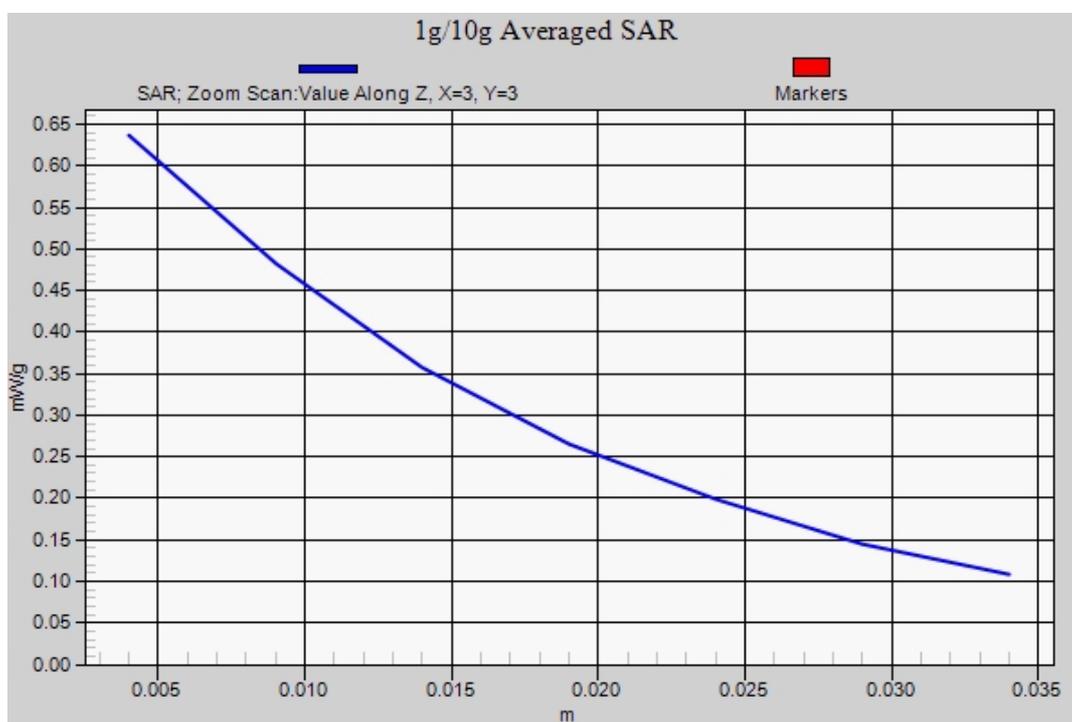Reference Value = 22.5 V/m; Power Drift = -0.0098 dB
Peak SAR (extrapolated) = 0.790 W/kg
SAR(1 g) = 0.600 mW/g; SAR(10 g) = 0.431 mW/g
Maximum value of SAR (measured) = 0.637 mW/g

0 dB = 0.637mW/g

Test Laboratory: HUAWEI GCTC Lab

U2800-5 GSM1900 661CH Left hand touch cheek

DUT: U2800-5; Type: Handset; Serial: 2TA9MA1153100068

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.33 mho/m; ε_r = 41.2; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.61, 7.76, 8.09); Calibrated: 11/16/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
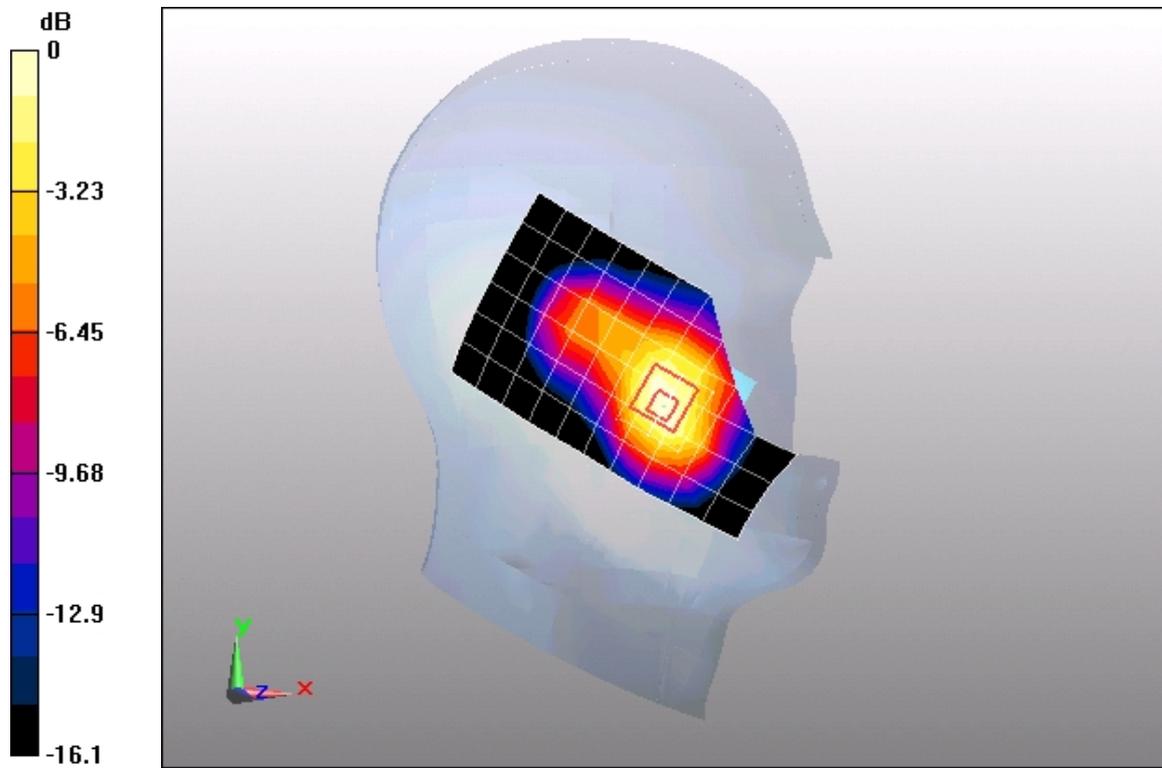Maximum value of SAR (measured) = 0.600 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
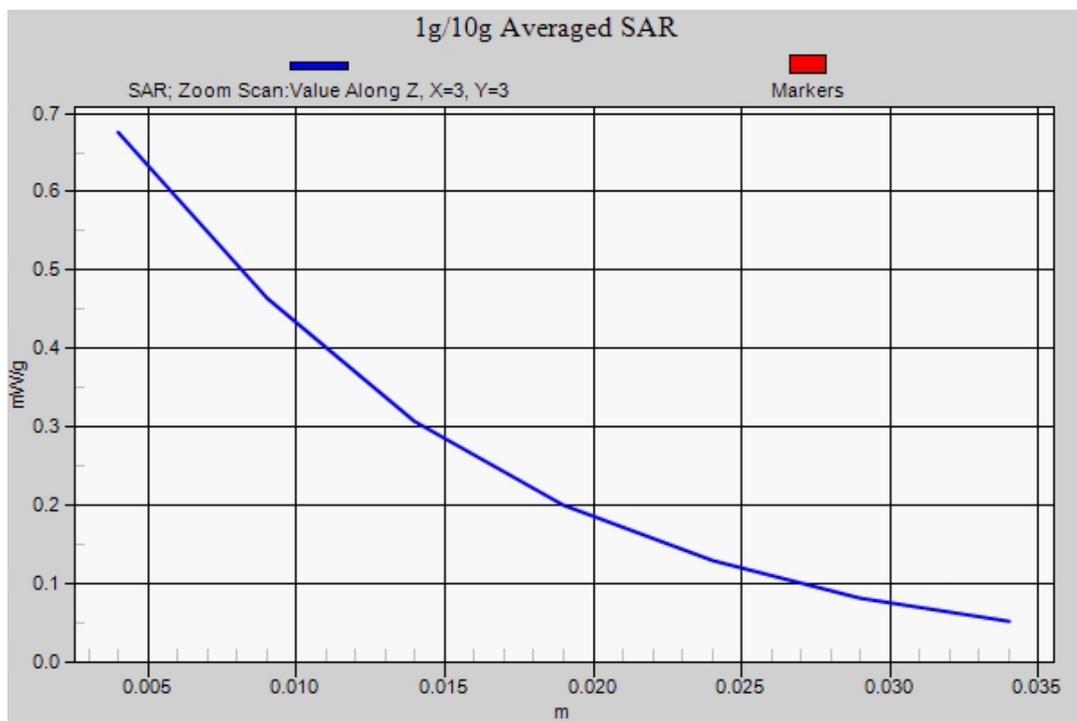Reference Value = 6.05 V/m; Power Drift = 0.067 dB
Peak SAR (extrapolated) = 0.885 W/kg
SAR(1 g) = 0.615 mW/g; SAR(10 g) = 0.384 mW/g
Maximum value of SAR (measured) = 0.676 mW/g

0 dB = 0.676mW/g

1g/10g Averaged SAR

SAR; Zoom Scan:Value Along Z, X=3, Y=3   Markers

Test Laboratory: HUAWEI GCTC Lab

U2800-5 GSM1900 661CH Left hand tilt 15 degree

DUT: U2800-5; Type: Handset; Serial: 2TA9MA1153100068

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 1880 MHz

Medium parameters used: f = 1880 MHz; σ = 1.33 mho/m; ε_r = 41.2; ρ = 1000 kg/m^3

Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.61, 7.76, 8.09); Calibrated: 11/16/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
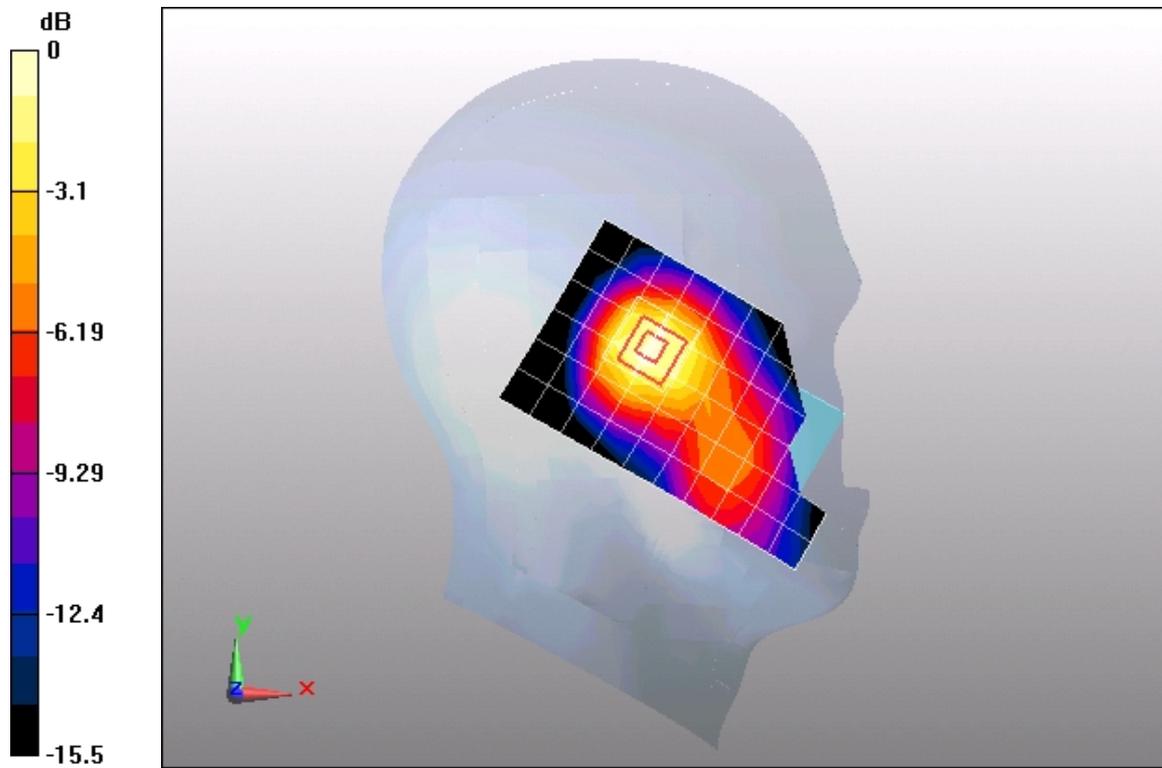Maximum value of SAR (measured) = 0.201 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
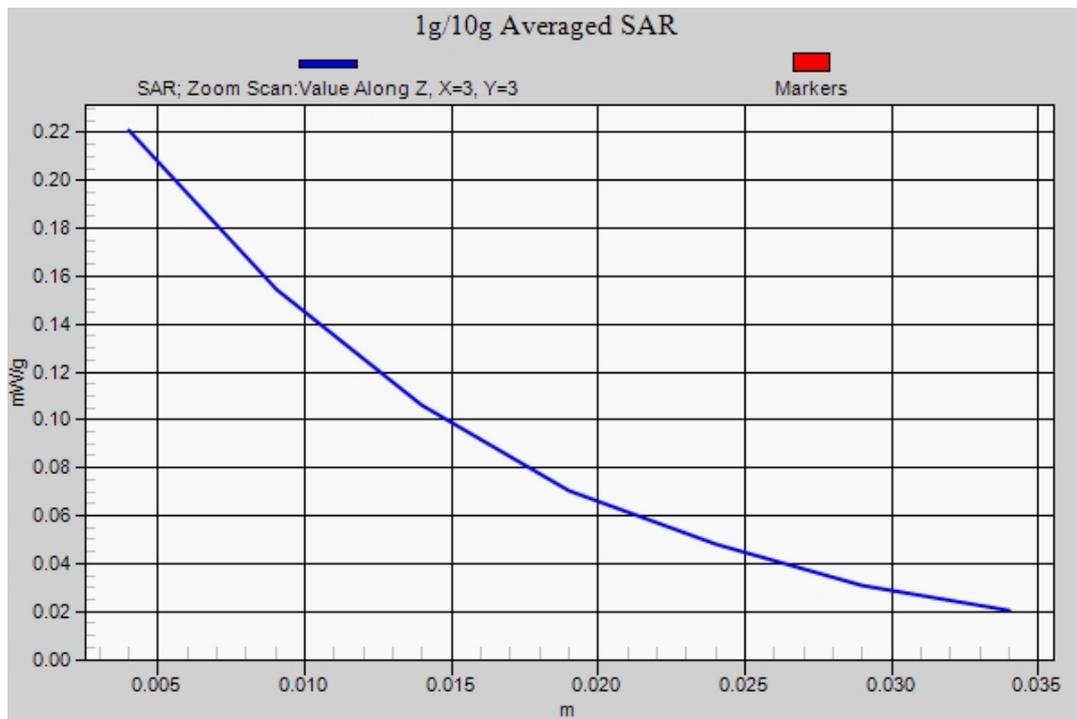Reference Value = 8.26 V/m; Power Drift = -0.026 dB
Peak SAR (extrapolated) = 0.282 W/kg
SAR(1 g) = 0.201 mW/g; SAR(10 g) = 0.126 mW/g
Maximum value of SAR (measured) = 0.221 mW/g

0 dB = 0.221mW/g

1g/10g Averaged SAR

SAR; Zoom Scan:Value Along Z, X=3, Y=3   Markers

Test Laboratory: HUAWEI GCTC Lab

U2800-5 GSM1900 661CH Right hand touch cheek

DUT: U2800-5; Type: Handset; Serial: 2TA9MA1153100068

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.33 mho/m; ε_r = 41.2; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.61, 7.76, 8.09); Calibrated: 11/16/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
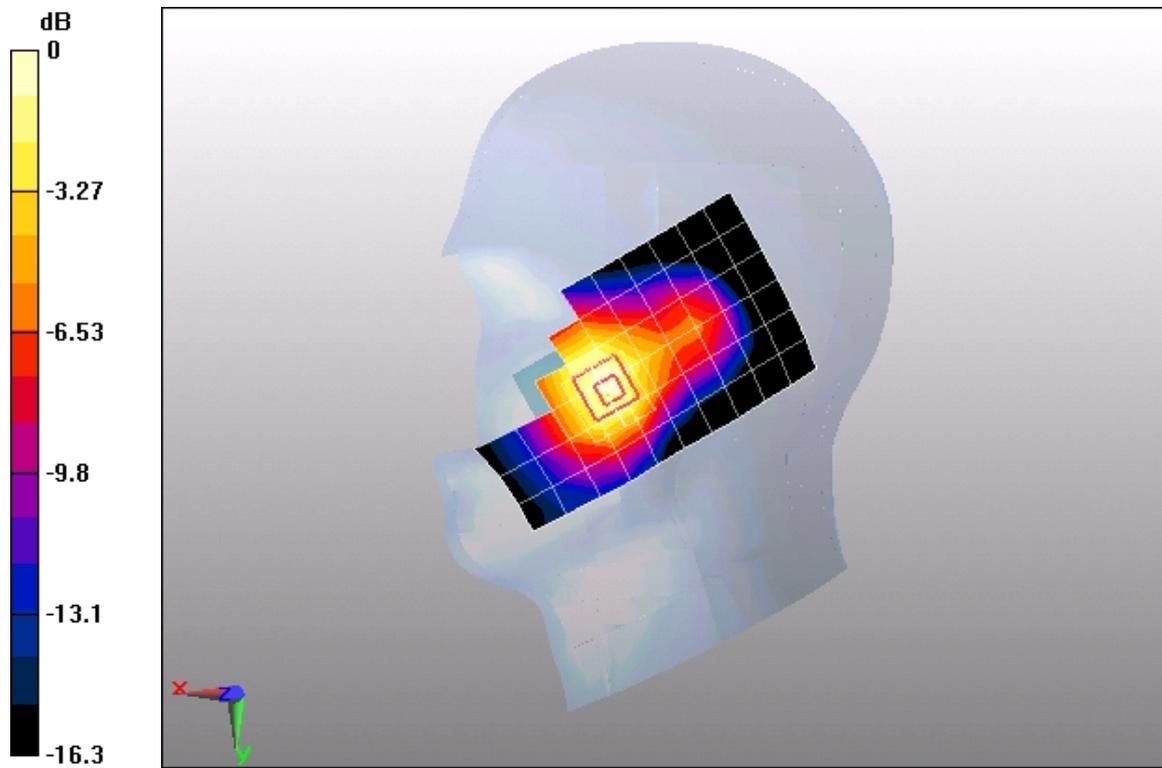Maximum value of SAR (measured) = 0.590 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
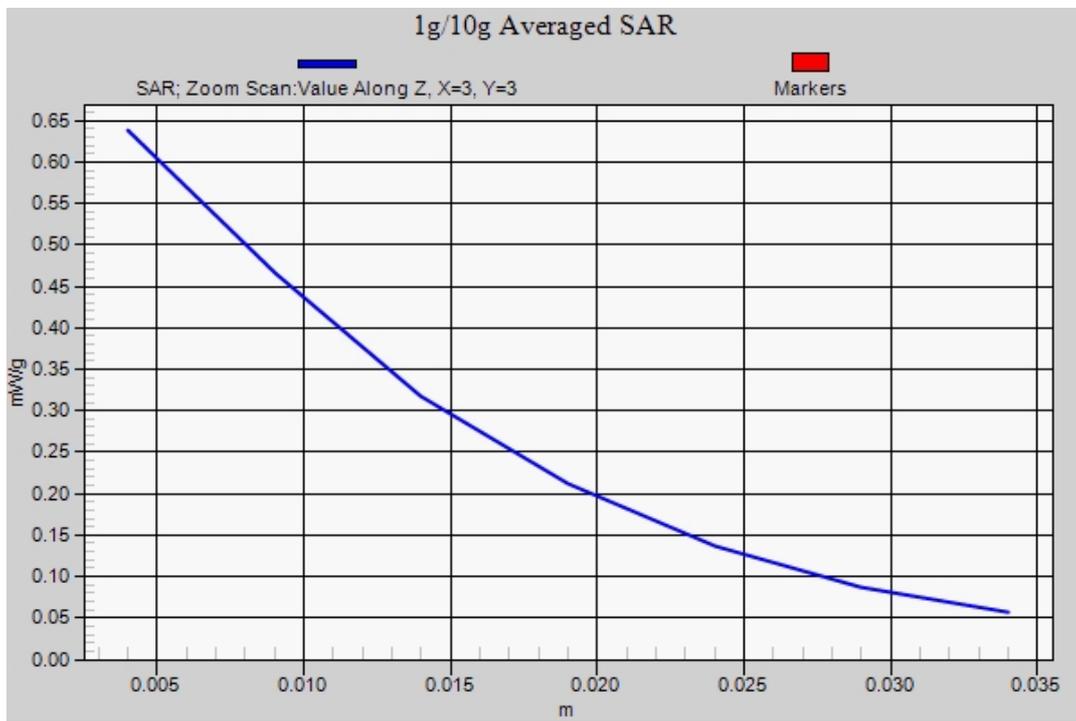Reference Value = 6.85 V/m; Power Drift = -0.097 dB
Peak SAR (extrapolated) = 0.781 W/kg
SAR(1 g) = 0.587 mW/g; SAR(10 g) = 0.370 mW/g
Maximum value of SAR (measured) = 0.638 mW/g

0 dB = 0.638mW/g

Test Laboratory: HUAWEI GCTC Lab

U2800-5 GSM1900 661CH Right hand tilt 15 degree

DUT: U2800-5; Type: Handset; Serial: 2TA9MA1153100068

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 1880 MHz

Medium parameters used: f = 1880 MHz; σ = 1.33 mho/m; ε_r = 41.2; ρ = 1000 kg/m^3

Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.61, 7.76, 8.09); Calibrated: 11/16/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
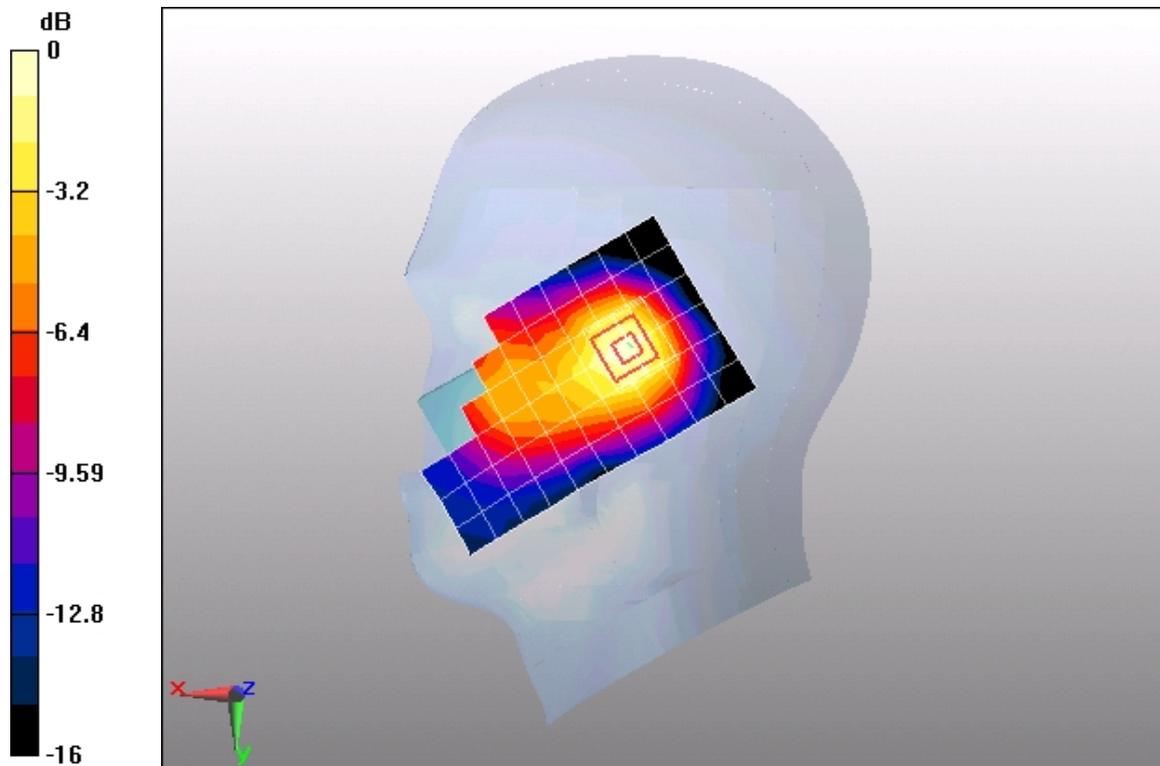Maximum value of SAR (measured) = 0.183 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
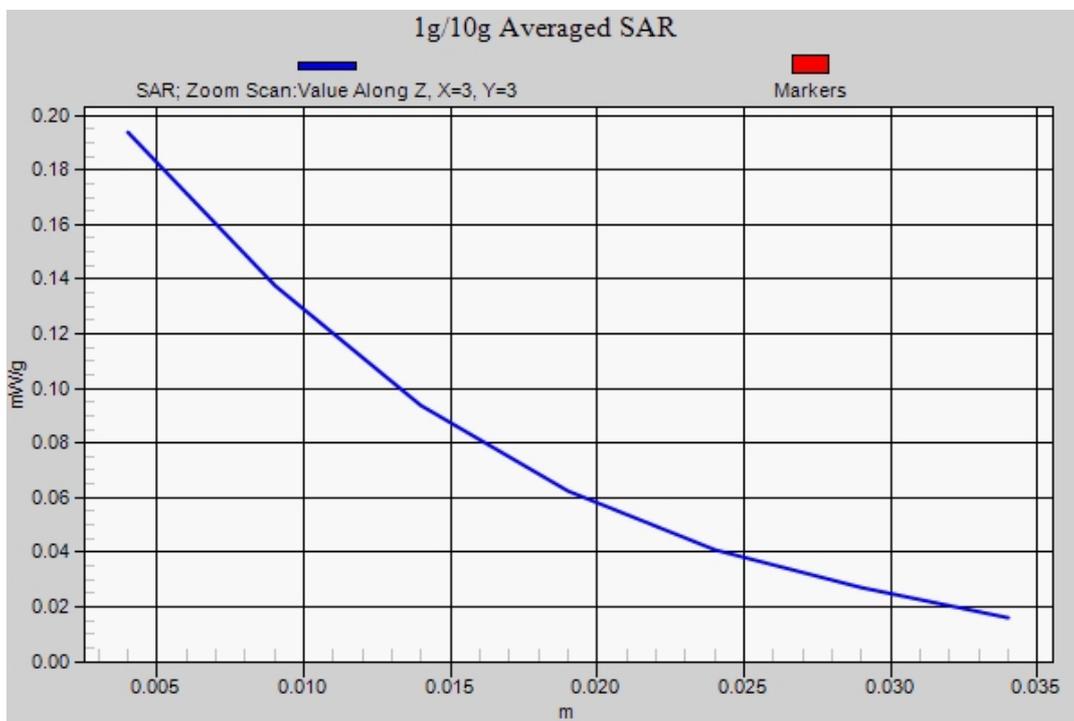Reference Value = 9.7 V/m; Power Drift = -0.094 dB
Peak SAR (extrapolated) = 0.245 W/kg
SAR(1 g) = 0.178 mW/g; SAR(10 g) = 0.112 mW/g
Maximum value of SAR (measured) = 0.194 mW/g

0 dB = 0.194mW/g

Test Laboratory: HUAWEI GCTC Lab

U2800-5 GSM1900 810CH Left hand touch cheek

DUT: U2800-5; Type: Handset; Serial: 2TA9MA1153100068

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 1909.8 MHz

Medium parameters used: f = 1910 MHz; σ = 1.37 mho/m; ε_r = 41.3; ρ = 1000 kg/m^3

Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.61, 7.76, 8.09); Calibrated: 11/16/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
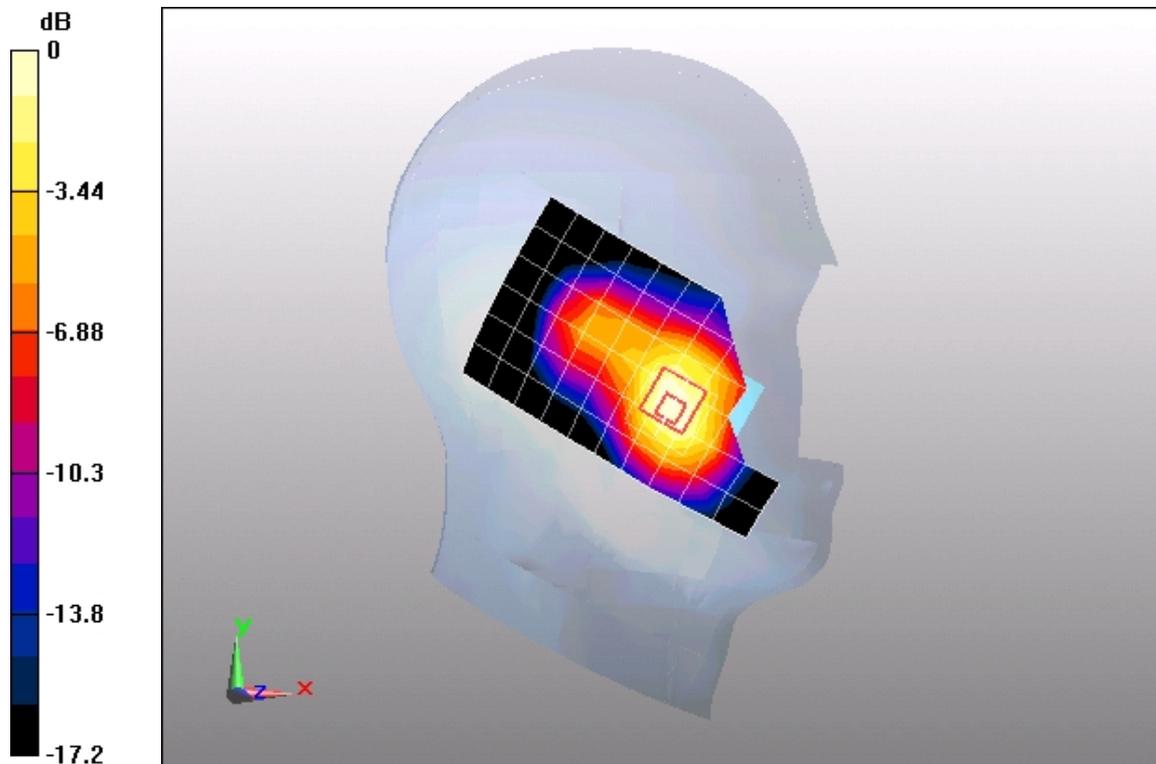Maximum value of SAR (measured) = 0.806 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
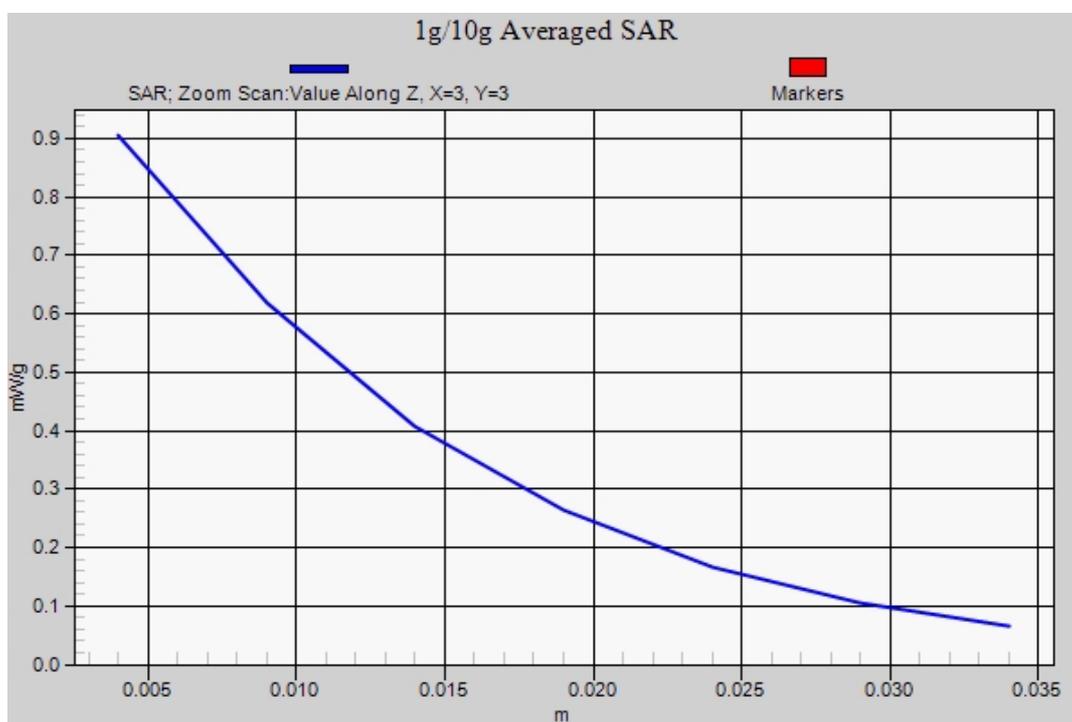Reference Value = 7.23 V/m; Power Drift = 0.093 dB
Peak SAR (extrapolated) = 1.2 W/kg
SAR(1 g) = 0.823 mW/g; SAR(10 g) = 0.515 mW/g
Maximum value of SAR (measured) = 0.905 mW/g

0 dB = 0.905mW/g

Test Laboratory: HUAWEI GCTC Lab

U2800-5 GSM1900 512CH Left hand touch cheek

DUT: U2800-5; Type: Handset; Serial: 2TA9MA1153100068

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 1850.2 MHz

Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.33 mho/m; ε_r = 41.3; ρ = 1000 kg/m^3

Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.61, 7.76, 8.09); Calibrated: 11/16/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Head/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.532 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.34 V/m; Power Drift = 0.067 dB
Peak SAR (extrapolated) = 0.743 W/kg
SAR(1 g) = 0.520 mW/g; SAR(10 g) = 0.326 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.572 mW/g