

Test Laboratory: HUAWEI GCTC Lab

U2800-5 WCDMA850 4233CH Left hand touch cheek

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

Communication System: HW -UMTS-FDD; Frequency: 846.6 MHz

Medium parameters used: $f = 847$ MHz; $\sigma = 0.919$ mho/m; $\epsilon_r = 42.7$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.33, 8.56, 8.97); 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: DASYS, 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) = 0.871 mW/g

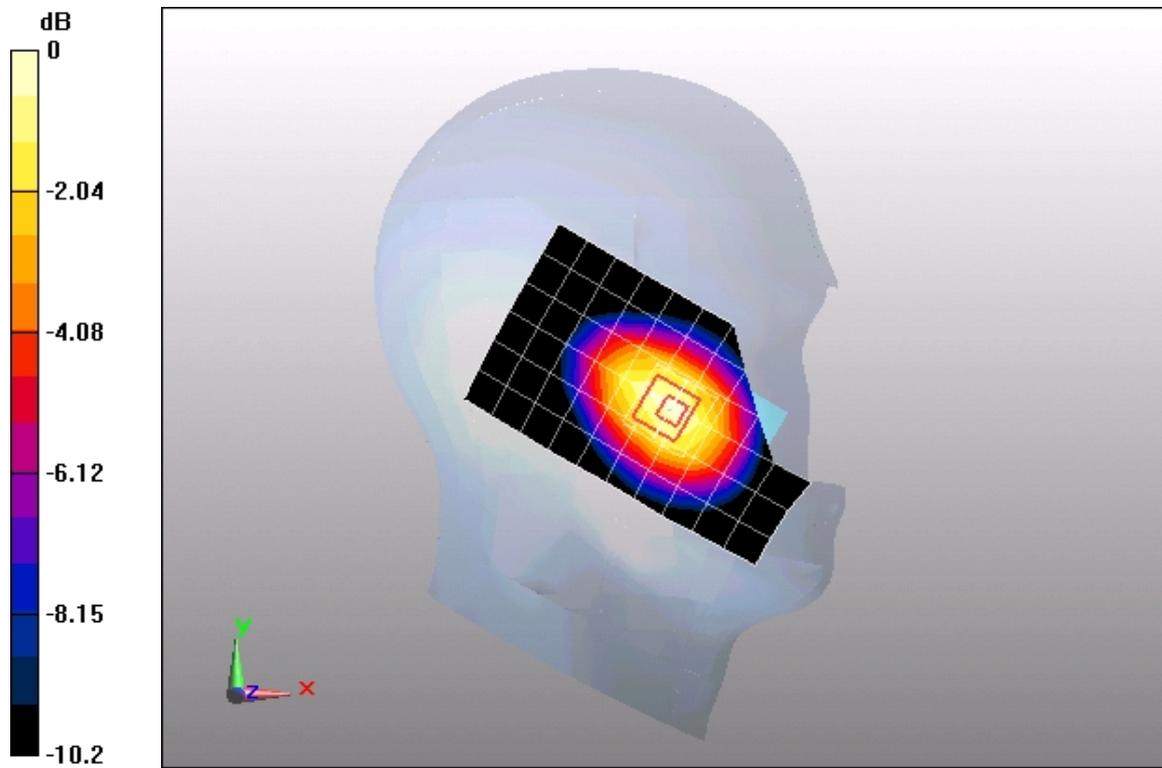
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.42 V/m; Power Drift = 0.101 dB

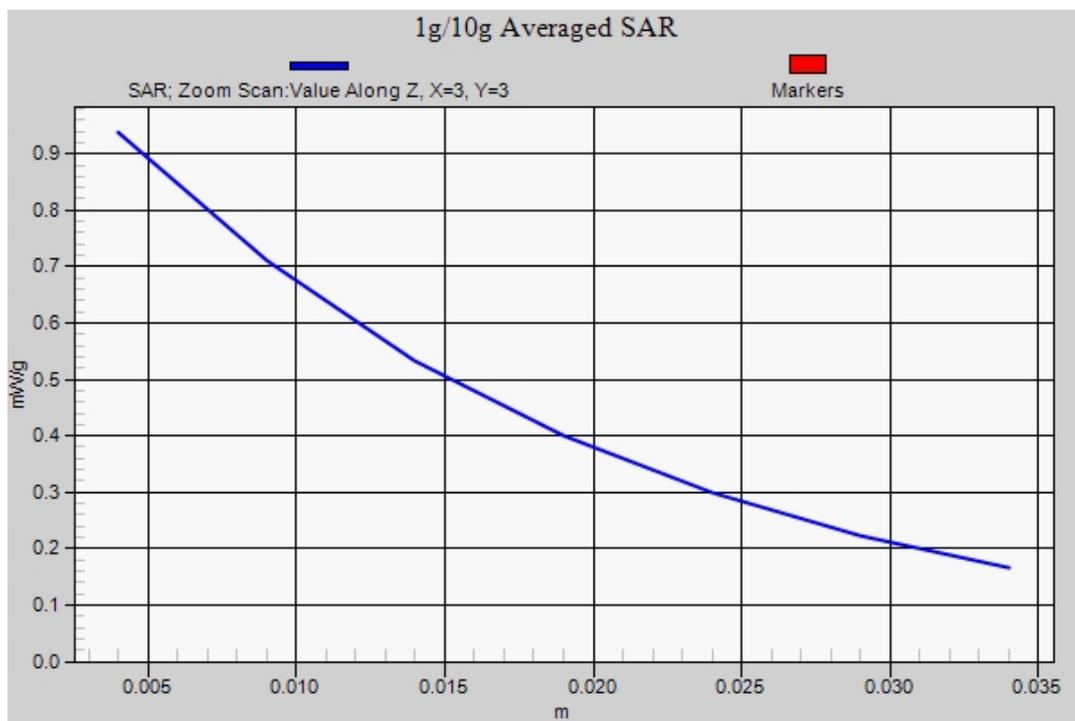
Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.859 mW/g; SAR(10 g) = 0.604 mW/g

Maximum value of SAR (measured) = 0.938 mW/g



0 dB = 0.938mW/g



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U2800-5 WCDMA850 4132CH Left hand touch cheek

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

Communication System: HW -UMTS-FDD; Frequency: 826.4 MHz

Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r = 42.9$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.33, 8.56, 8.97); 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: DASYS, 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) = 0.994 mW/g

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

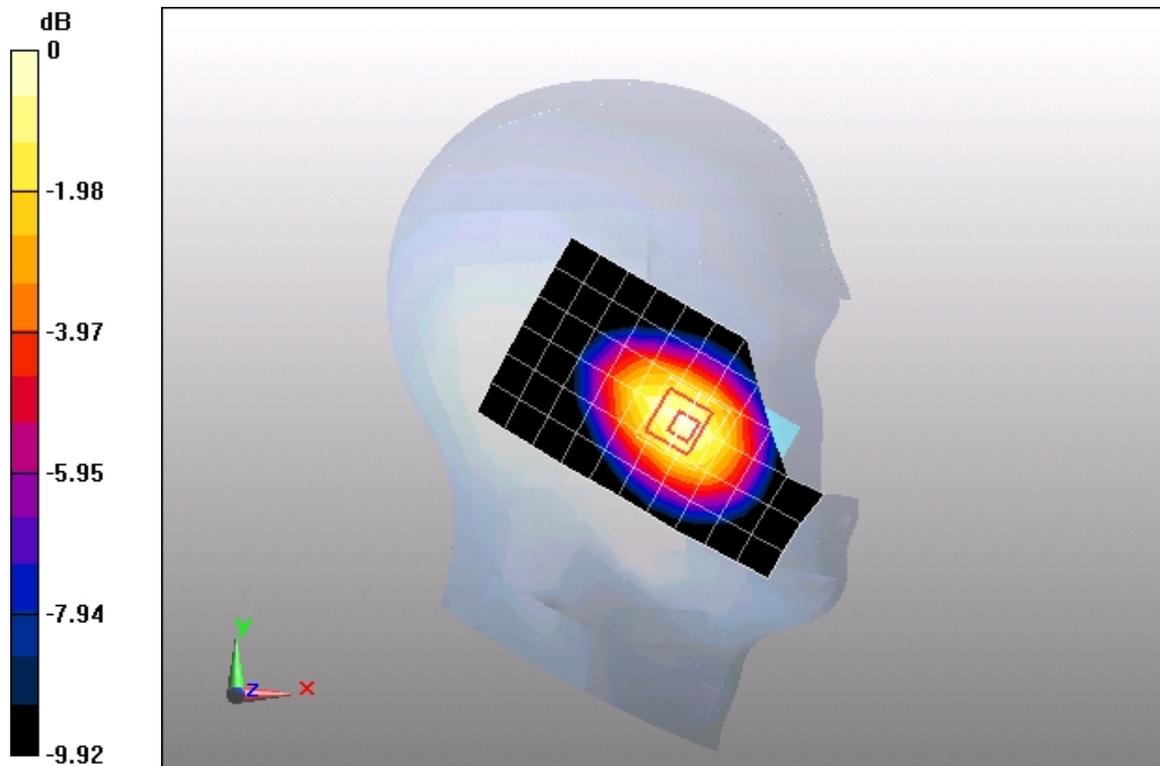
Reference Value = 10.1 V/m; Power Drift = 0.157 dB

Peak SAR (extrapolated) = 1.26 W/kg

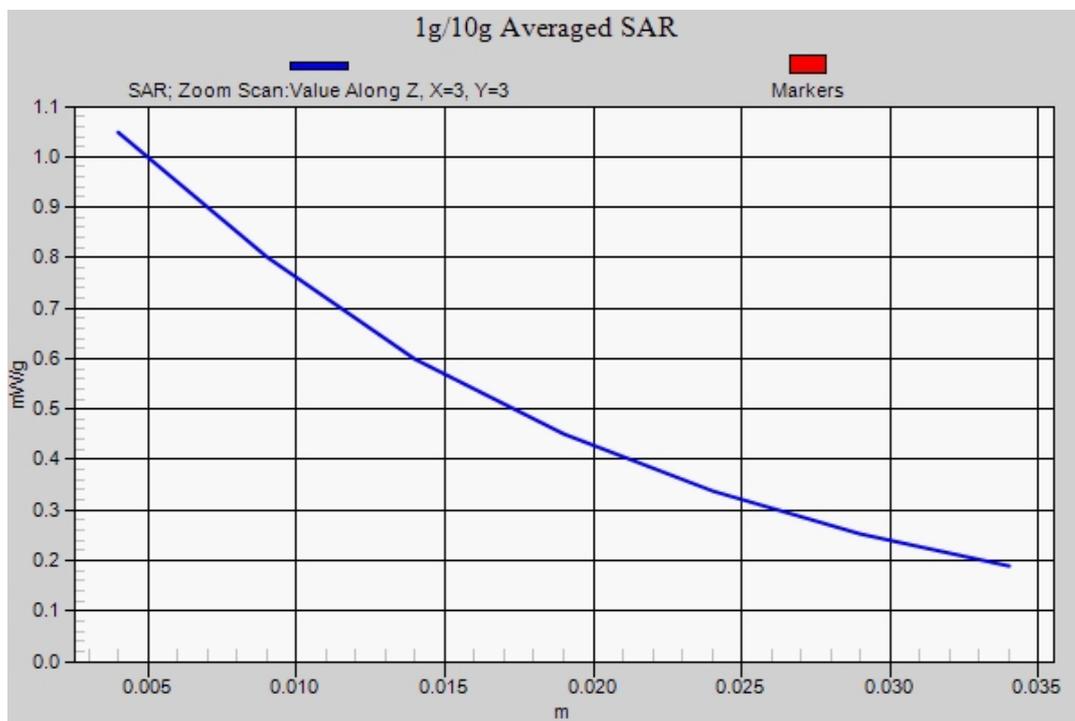
SAR(1 g) = 0.963 mW/g; SAR(10 g) = 0.679 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.05 mW/g



0 dB = 1.05mW/g



Test Laboratory: HUAWEI GCTC Lab

U2800-5 WCDMA850 4233CH Right hand touch cheek

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

Communication System: HW -UMTS-FDD; Frequency: 846.6 MHz

Medium parameters used: $f = 847$ MHz; $\sigma = 0.937$ mho/m; $\epsilon_r = 42.7$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.33, 8.56, 8.97); 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: DASYS, 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) = 0.838 mW/g

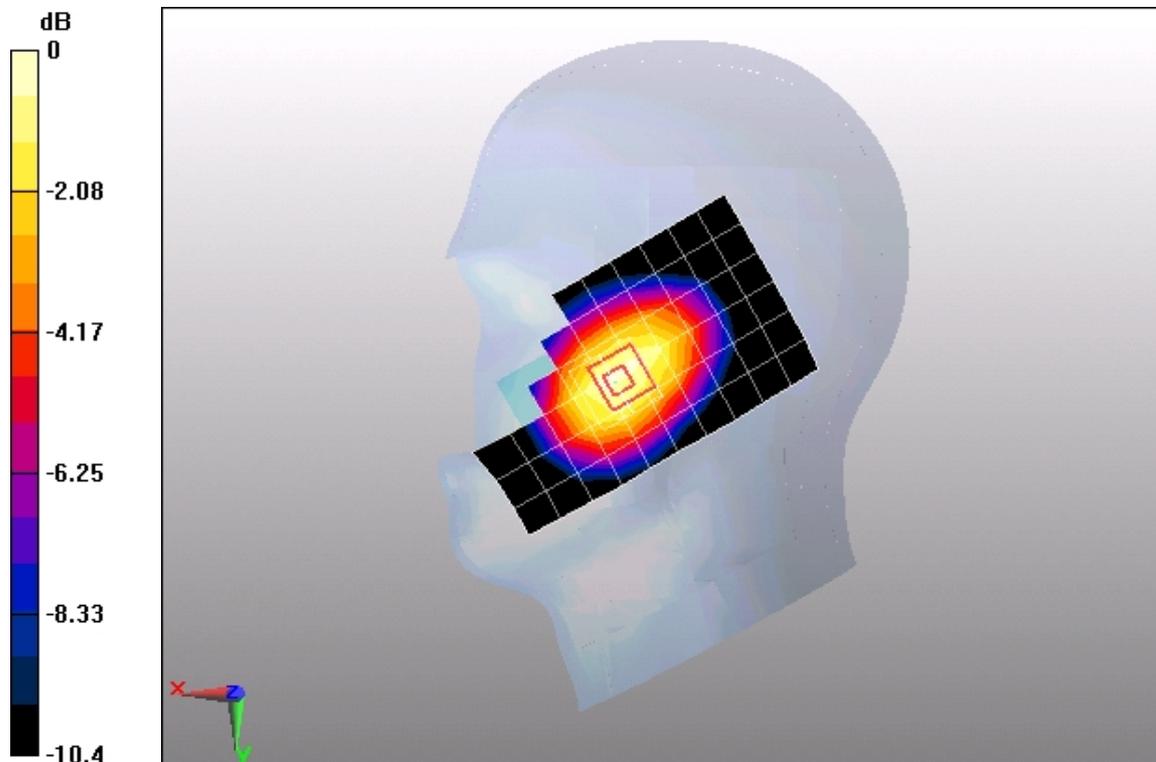
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.7 V/m; Power Drift = 0.045 dB

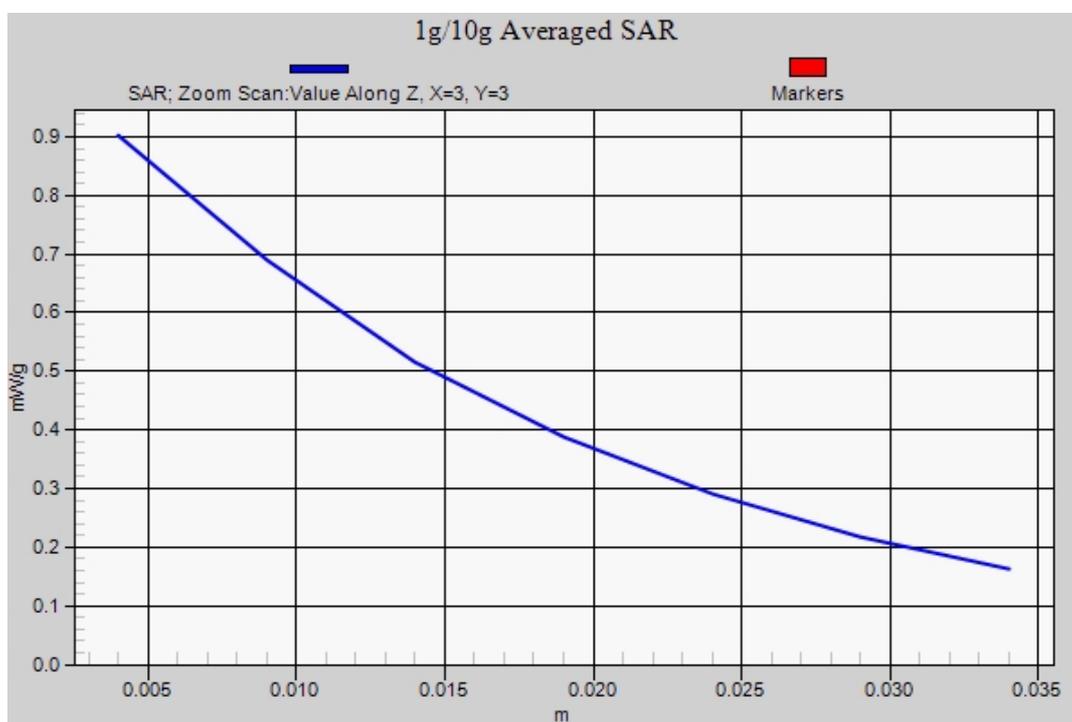
Peak SAR (extrapolated) = 1.1 W/kg

SAR(1 g) = 0.845 mW/g; SAR(10 g) = 0.597 mW/g

Maximum value of SAR (measured) = 0.902 mW/g



0 dB = 0.902mW/g



Test Laboratory: HUAWEI GCTC Lab

U2800-5 WCDMA850 4132CH Right hand touch cheek

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

Communication System: HW -UMTS-FDD; Frequency: 826.4 MHz

Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.917$ mho/m; $\epsilon_r = 42.9$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.33, 8.56, 8.97); 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: DASYS, 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) = 0.960 mW/g

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

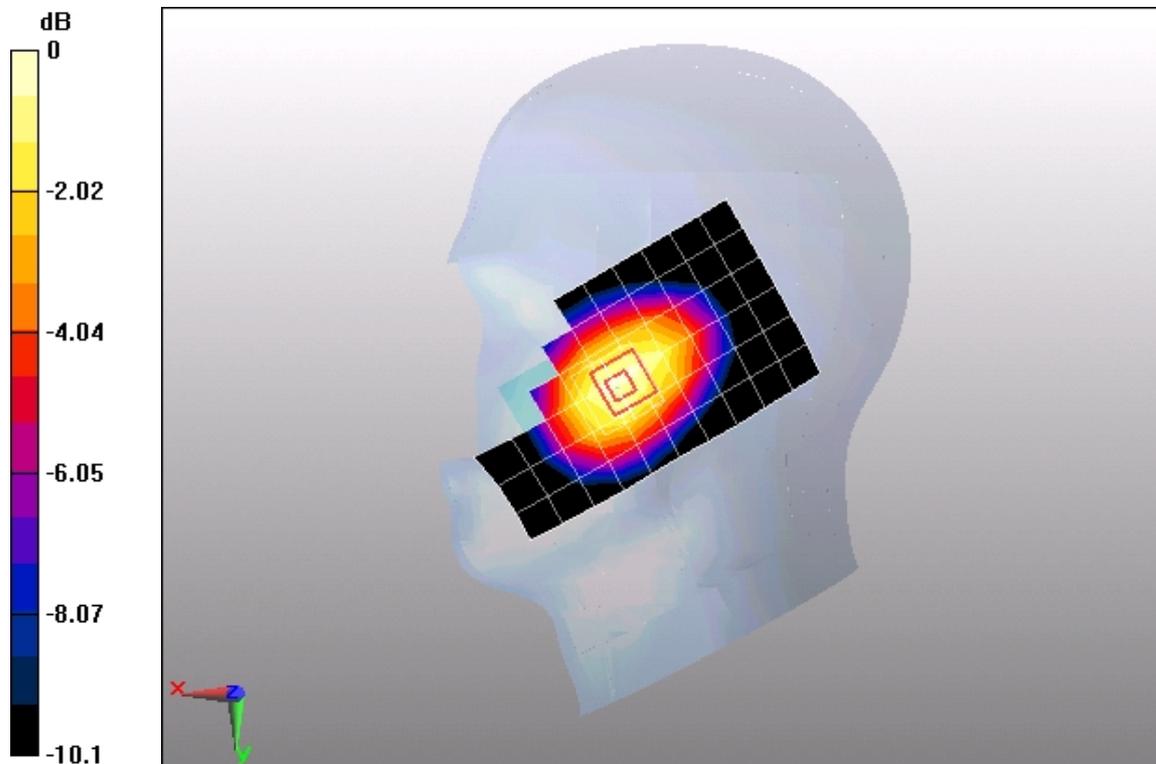
Reference Value = 13 V/m; Power Drift = -0.061 dB

Peak SAR (extrapolated) = 1.25 W/kg

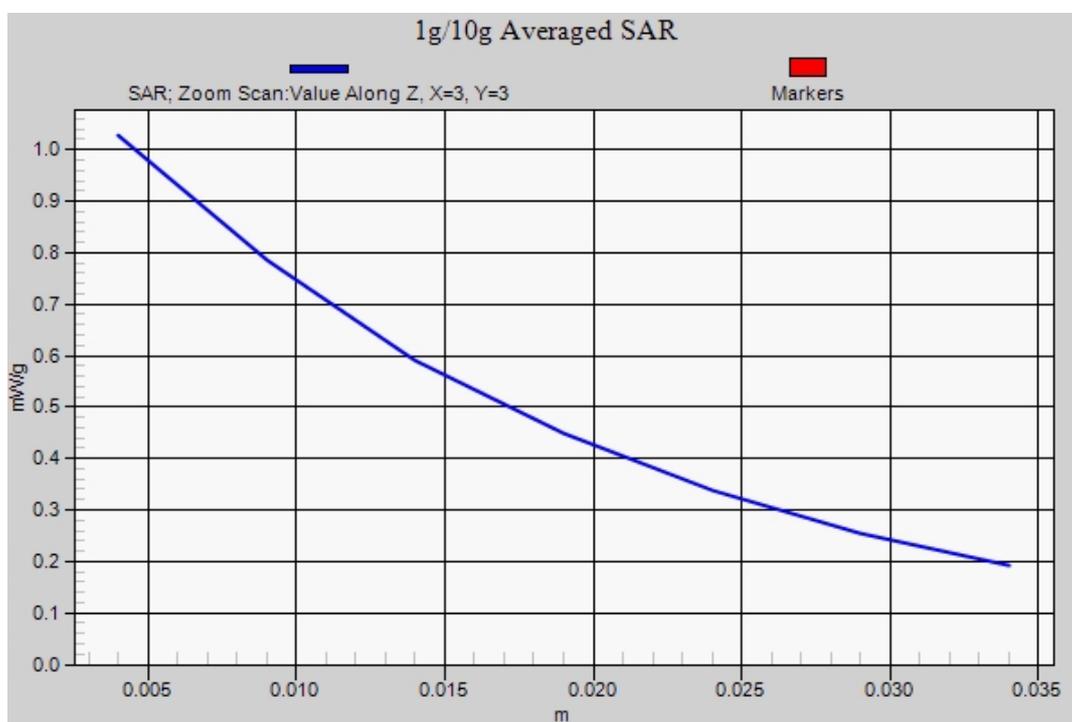
SAR(1 g) = 0.960 mW/g; SAR(10 g) = 0.683 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.03 mW/g



0 dB = 1.03mW/g



Test Laboratory: HUAWEI GCTC Lab

U2800-5 WCDMA850 4182CH Towards phantom 15mm

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

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

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.962$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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: DASYS, 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) = 0.590 mW/g

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

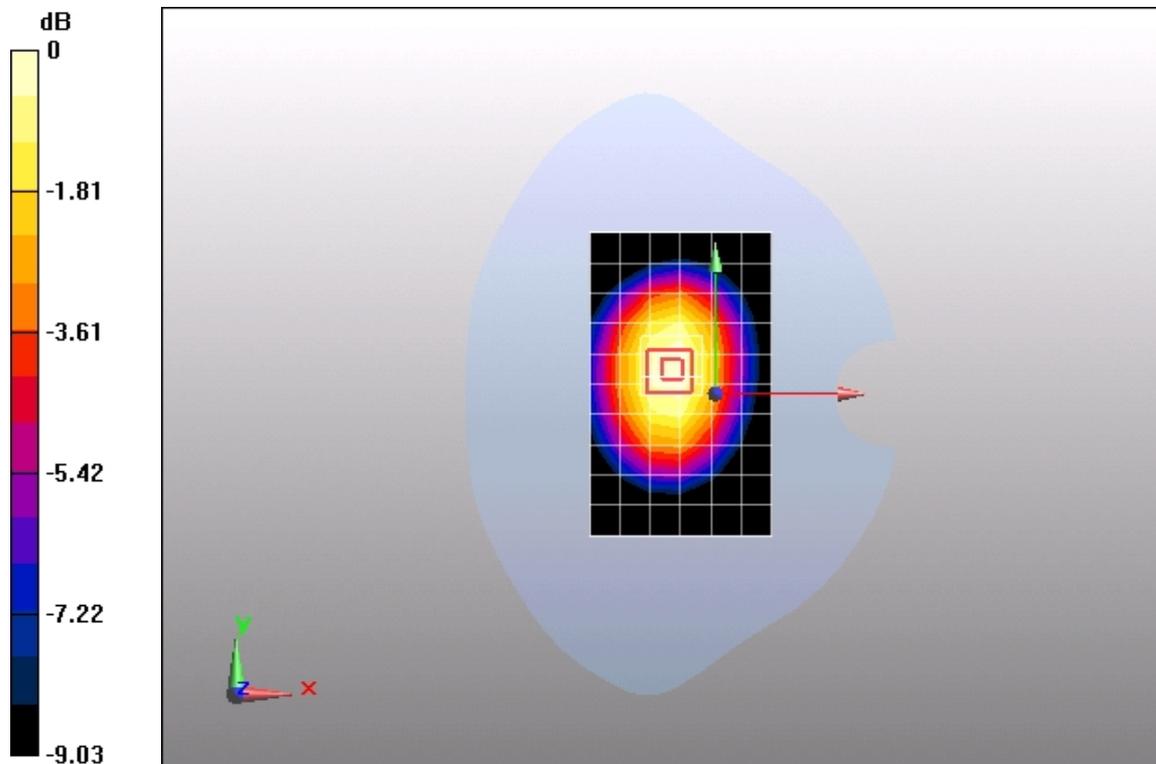
Reference Value = 24.8 V/m; Power Drift = -0.173 dB

Peak SAR (extrapolated) = 0.736 W/kg

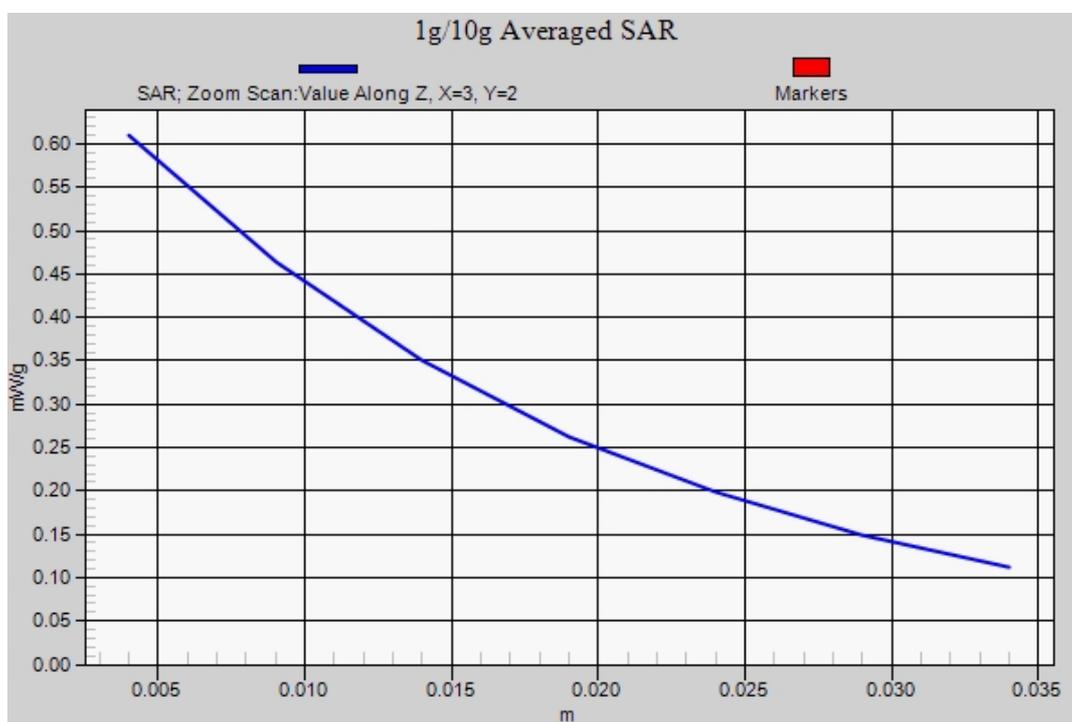
SAR(1 g) = 0.576 mW/g; SAR(10 g) = 0.421 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.609 mW/g



0 dB = 0.609mW/g



Test Laboratory: HUAWEI GCTC Lab

U2800-5 WCDMA850 4182CH Towards Ground 15mm

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

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

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.962$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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: DASYS, 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) = 0.691 mW/g

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

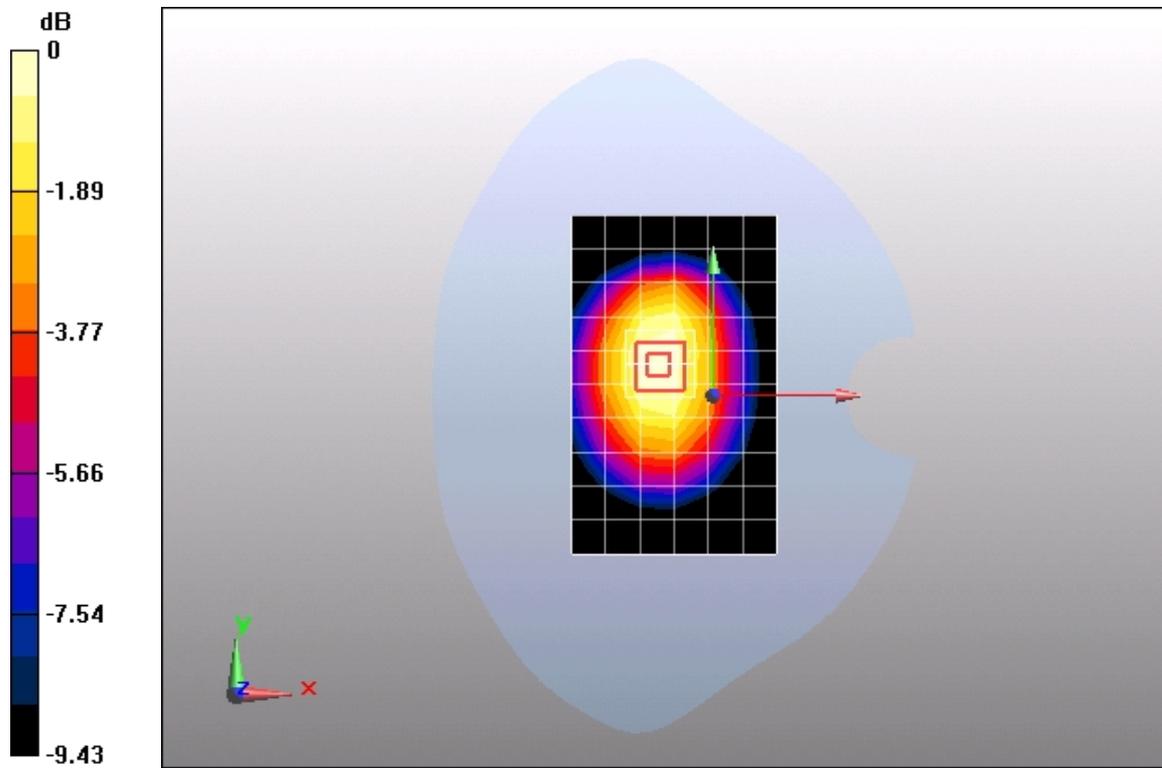
Reference Value = 26 V/m; Power Drift = 0.016 dB

Peak SAR (extrapolated) = 0.880 W/kg

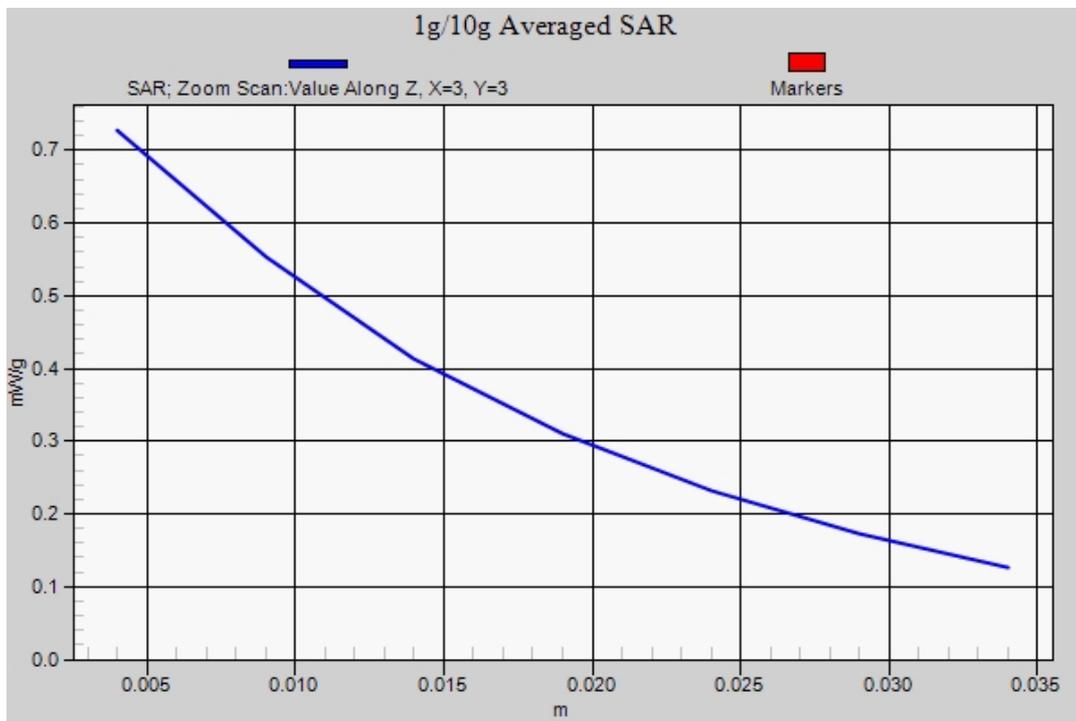
SAR(1 g) = 0.682 mW/g; SAR(10 g) = 0.492 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.727 mW/g



0 dB = 0.727mW/g



Test Laboratory: HUAWEI GCTC Lab

U2800-5 WCDMA850 4233CH Towards Ground 15mm

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

Communication System: HW -UMTS-FDD; Frequency: 846.6 MHz

Medium parameters used: $f = 847$ MHz; $\sigma = 0.972$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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: DASYS, 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) = 0.592 mW/g

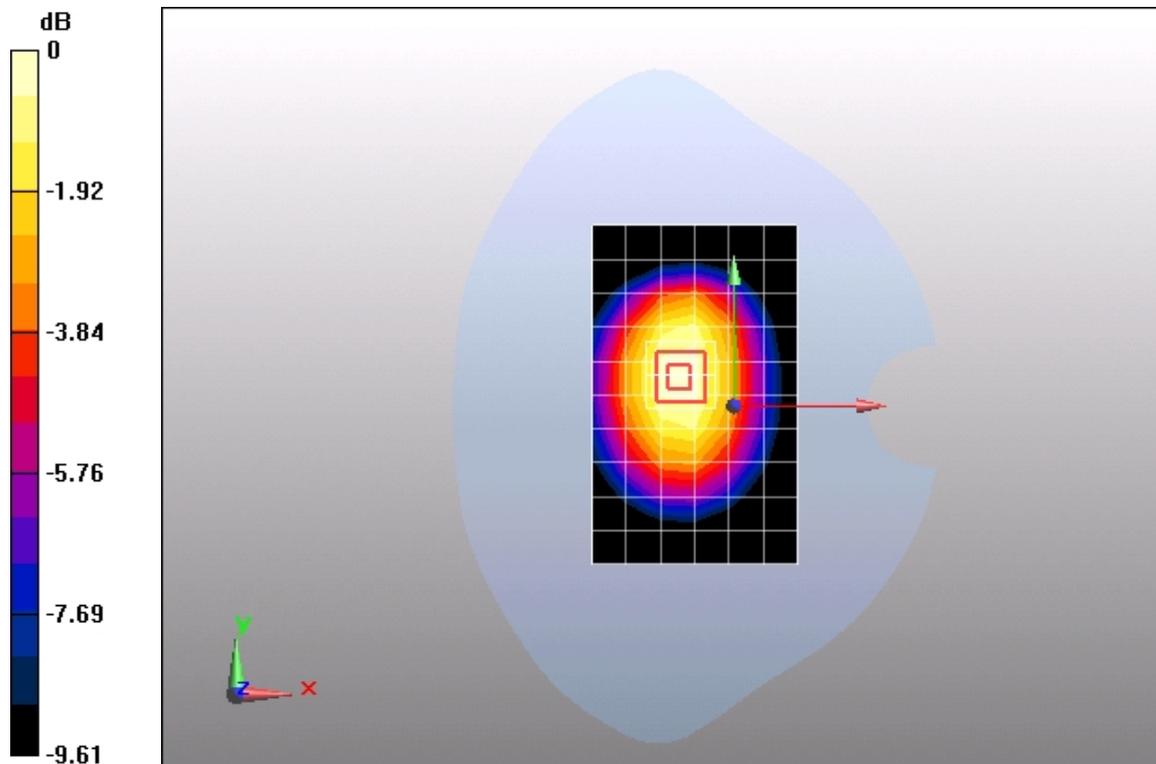
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.1 V/m; Power Drift = 0.088 dB

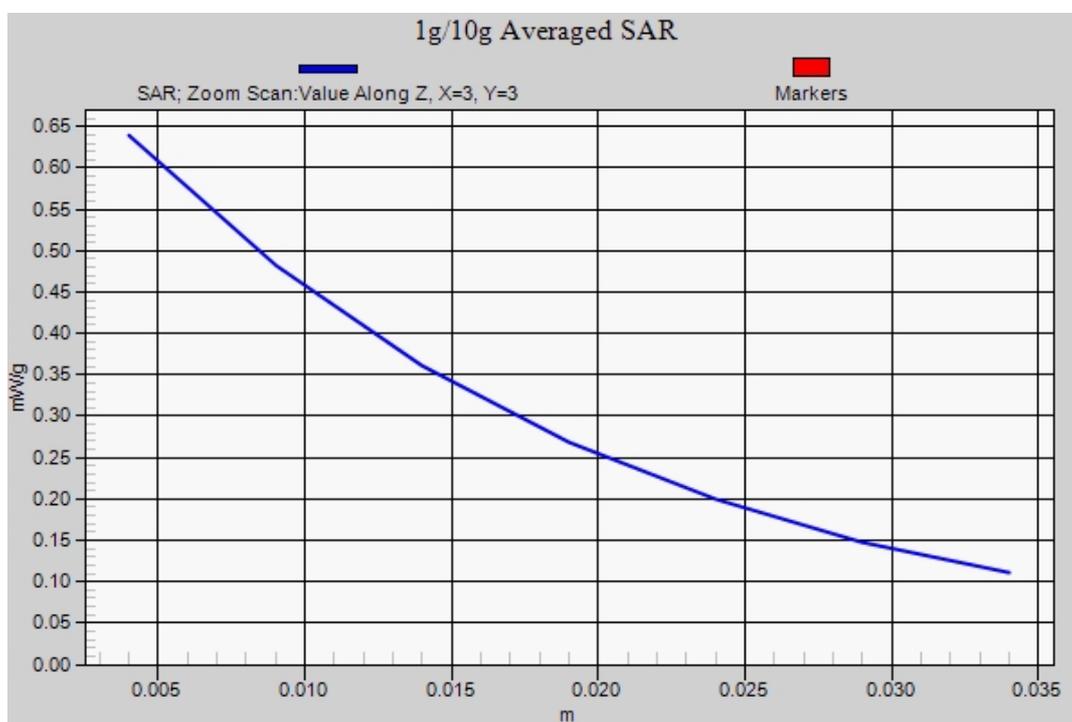
Peak SAR (extrapolated) = 0.787 W/kg

SAR(1 g) = 0.600 mW/g; SAR(10 g) = 0.431 mW/g

Maximum value of SAR (measured) = 0.639 mW/g



0 dB = 0.639mW/g



Test Laboratory: HUAWEI GCTC Lab

U2800-5 WCDMA850 4132CH Towards Ground 15mm

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

Communication System: HW -UMTS-FDD; Frequency: 826.4 MHz

Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.952$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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: DASYS, 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) = 0.722 mW/g

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

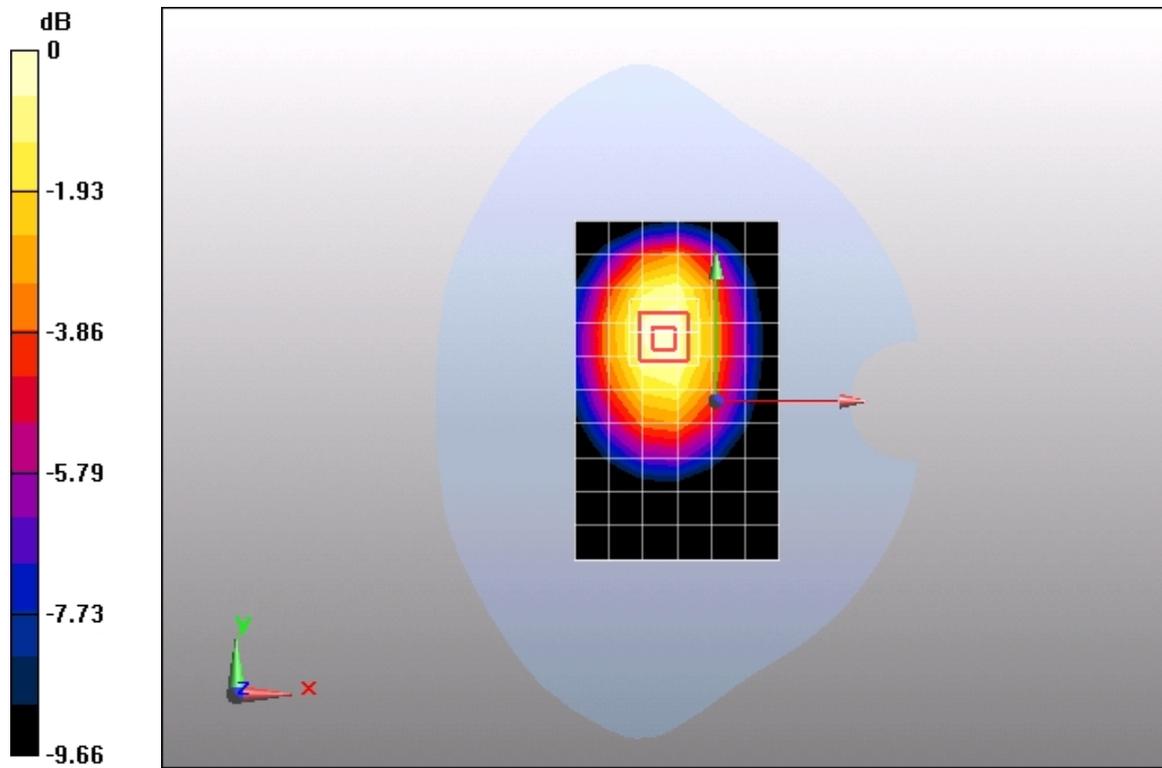
Reference Value = 23.1 V/m; Power Drift = 0.086 dB

Peak SAR (extrapolated) = 0.940 W/kg

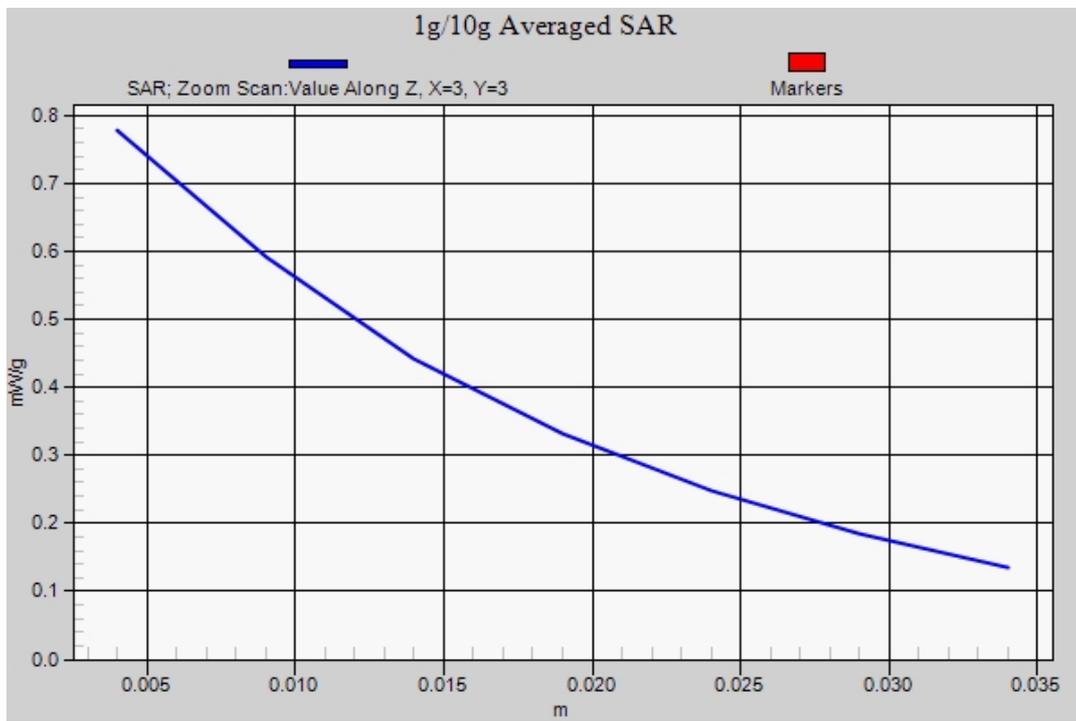
SAR(1 g) = 0.725 mW/g; SAR(10 g) = 0.524 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.778 mW/g



0 dB = 0.778mW/g



Test Laboratory: HUAWEI GCTC Lab

U2800-5 WCDMA850 4132CH Towards Ground 15mm with Headset

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

Communication System: HW -UMTS-FDD; Frequency: 826.4 MHz

Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.952$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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: DASYS, 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) = 0.468 mW/g

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

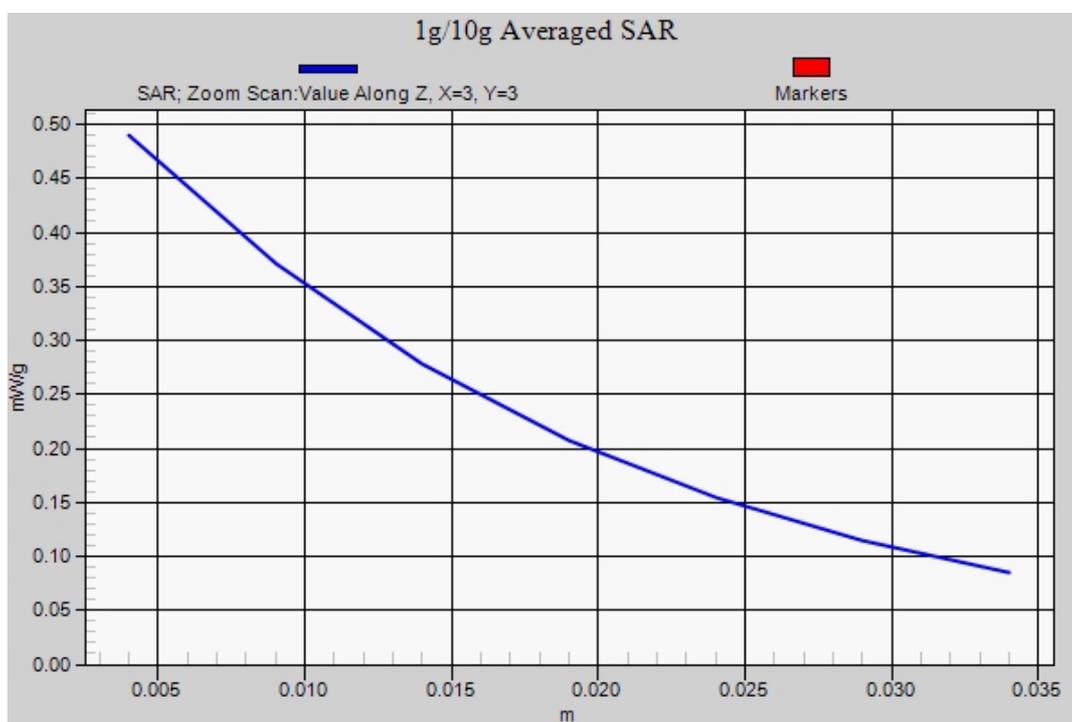
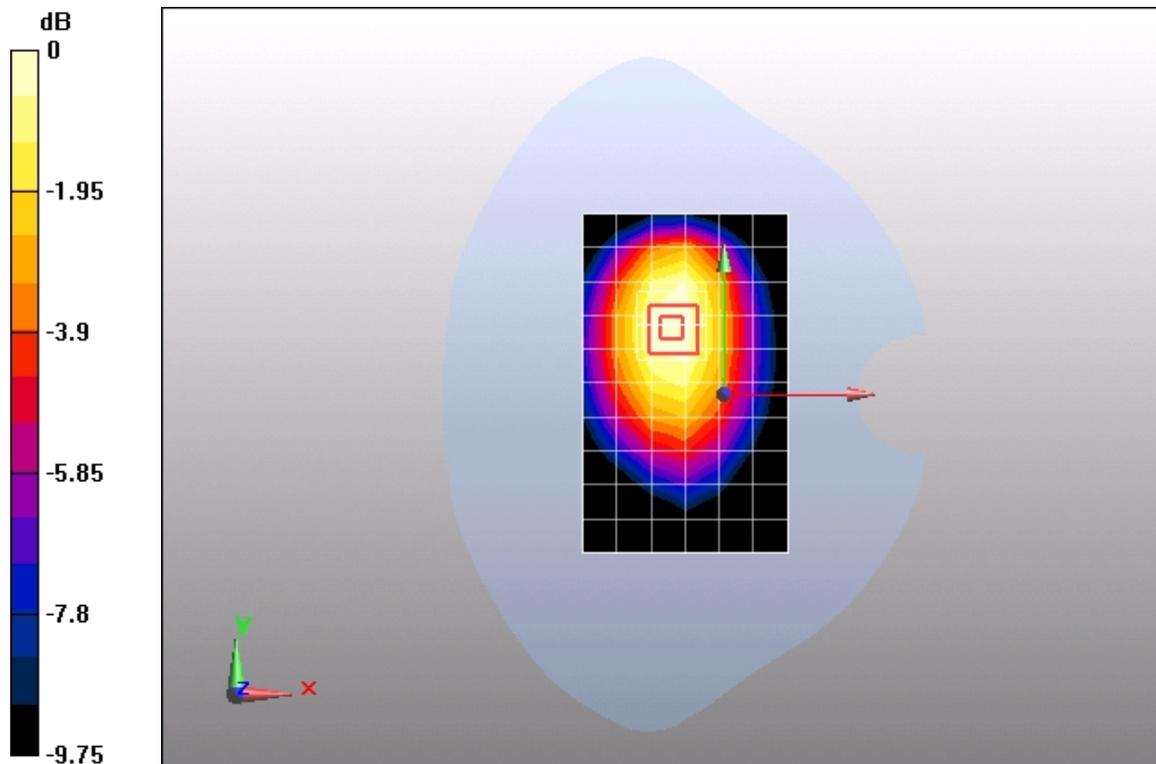
Reference Value = 19.2 V/m; Power Drift = 0.052 dB

Peak SAR (extrapolated) = 0.597 W/kg

SAR(1 g) = 0.463 mW/g; SAR(10 g) = 0.334 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.490 mW/g



Test Laboratory: HUAWEI GCTC Lab

U2800-5 WCDMA1900 9400CH Left hand touch cheek

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

Communication System: HW -UMTS-FDD; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.33$ mho/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASYS (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: DASYS, 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) = 0.940 mW/g

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

Reference Value = 8.8 V/m; Power Drift = -0.036 dB

Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 0.964 mW/g; SAR(10 g) = 0.592 mW/g

Maximum value of SAR (measured) = 1.05 mW/g