



Test report no.: SYBH(Z-SAR)003032011-2

Date/Time: 5/10/2011 7:52:07, Date/Time: 5/10/2011 8:00:35

Test Laboratory: Huawei GCTC Lab

U8500-6 GSM1900 EGPRS 2TS 810CH Towards ground 10mm

DUT: U8500-6; Type: Mobile phone; Serial: K2M7NA1111000127

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 1909.8 MHz

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASy5 (IEEE/IEC/ANSI C63.19-2007)

DASy5 Configuration:

Probe: ES3DV3 - SN3168; ConvF(4.61, 4.61, 4.61); Calibrated: 12/23/2010

Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn852; Calibrated: 12/24/2010

Phantom: SAM2; Type: SAM; Serial: TP-1474

Measurement SW: DASy5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.1 mW/g

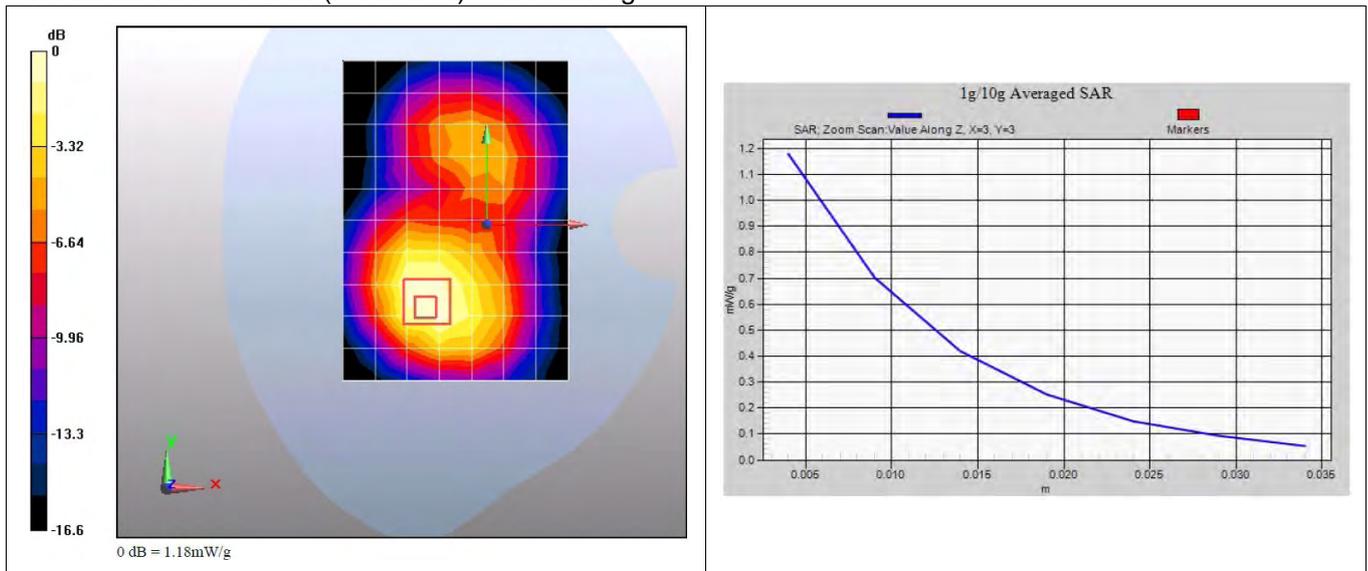
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.3 V/m; Power Drift = 0.046 dB

Peak SAR (extrapolated) = 1.84 W/kg

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.646 mW/g

Maximum value of SAR (measured) = 1.18 mW/g



Annex 1.4 GSM 850 MHz Head

Date/Time: 4/21/2011 10:18:36, Date/Time: 4/21/2011 10:27:03

Test Laboratory: Huawei GCTC Lab

U8500-6 GSM850 190CH Left hand touch cheek

DUT: U8500-6; Type: Mobile phone; Serial: K2M7NA1111000127

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 836.6 MHz

Medium parameters used: $f = 837$ MHz; $\sigma = 0.883$ mho/m; $\epsilon_r = 42$; $\rho = 1000$ kg/m³

Phantom section: Left Section

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

DASY5 Configuration:

Probe: ES3DV3 - SN3168; ConvF(5.98, 5.98, 5.98); Calibrated: 12/23/2010

Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn852; Calibrated: 12/24/2010

Phantom: SAM1; Type: SAM; Serial: TP-1475

Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

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

Maximum value of SAR (measured) = 0.883 mW/g

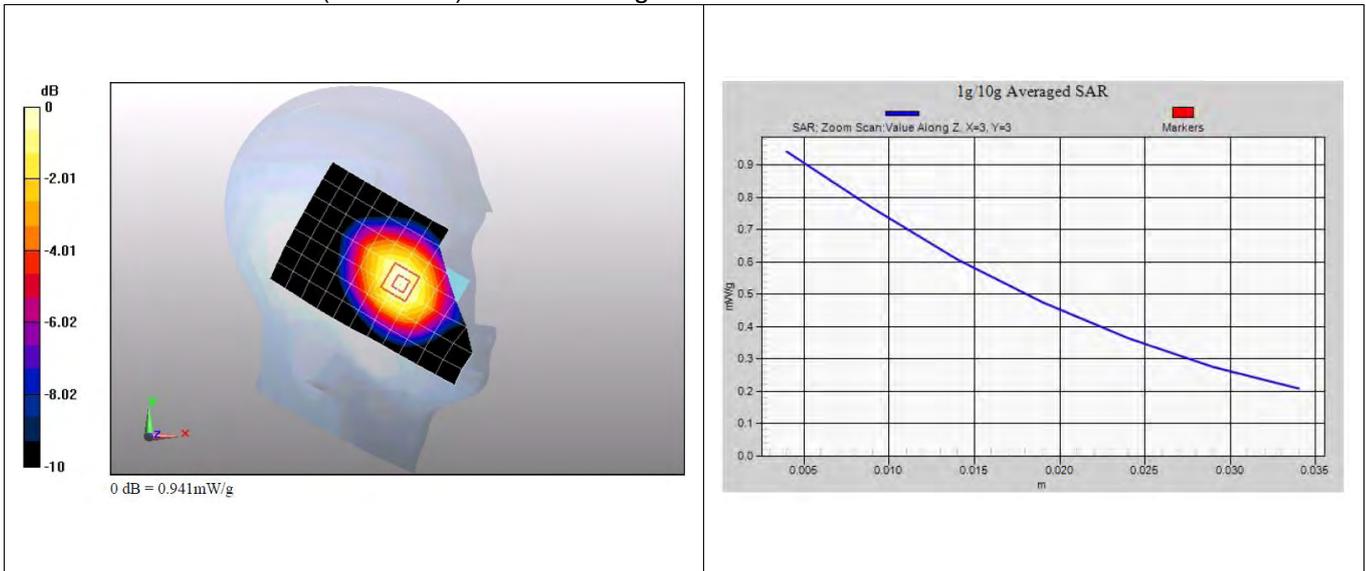
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.68 V/m; Power Drift = -0.168 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.891 mW/g; SAR(10 g) = 0.664 mW/g

Maximum value of SAR (measured) = 0.941 mW/g



Date/Time: 4/21/2011 12:27:34, Date/Time: 4/21/2011 12:36:01

Test Laboratory: Huawei GCTC Lab

U8500-6 GSM850 190CH Left hand tilt 15 degree

DUT: U8500-6; Type: Mobile phone; Serial: K2M7NA1111000127

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 836.6 MHz

Medium parameters used: $f = 837$ MHz; $\sigma = 0.883$ mho/m; $\epsilon_r = 42$; $\rho = 1000$ kg/m³

Phantom section: Left Section

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

DASY5 Configuration:

Probe: ES3DV3 - SN3168; ConvF(5.98, 5.98, 5.98); Calibrated: 12/23/2010

Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn852; Calibrated: 12/24/2010

Phantom: SAM1; Type: SAM; Serial: TP-1475

Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

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

Maximum value of SAR (measured) = 0.500 mW/g

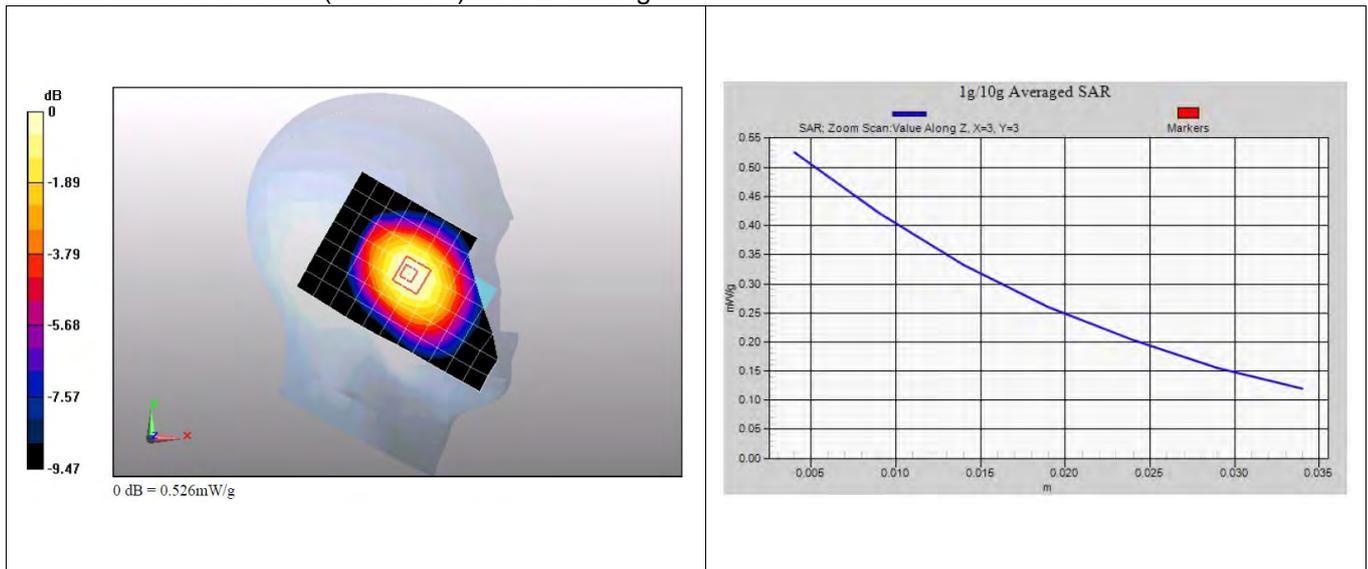
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.8 V/m; Power Drift = -0.000348 dB

Peak SAR (extrapolated) = 0.616 W/kg

SAR(1 g) = 0.499 mW/g; SAR(10 g) = 0.377 mW/g

Maximum value of SAR (measured) = 0.526 mW/g



Test report no.: SYBH(Z-SAR)003032011-2

Date/Time: 4/21/2011 13:04:47, Date/Time: 4/21/2011 13:12:54

Test Laboratory: Huawei GCTC Lab

U8500-6 GSM850 190CH Right hand touch cheek

DUT: U8500-6; Type: Mobile phone; Serial: K2M7NA1111000127

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 836.6 MHz

Medium parameters used: $f = 837$ MHz; $\sigma = 0.883$ mho/m; $\epsilon_r = 42$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

Probe: ES3DV3 - SN3168; ConvF(5.98, 5.98, 5.98); Calibrated: 12/23/2010

Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn852; Calibrated: 12/24/2010

Phantom: SAM1; Type: SAM; Serial: TP-1475

Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

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

Maximum value of SAR (measured) = 0.760 mW/g

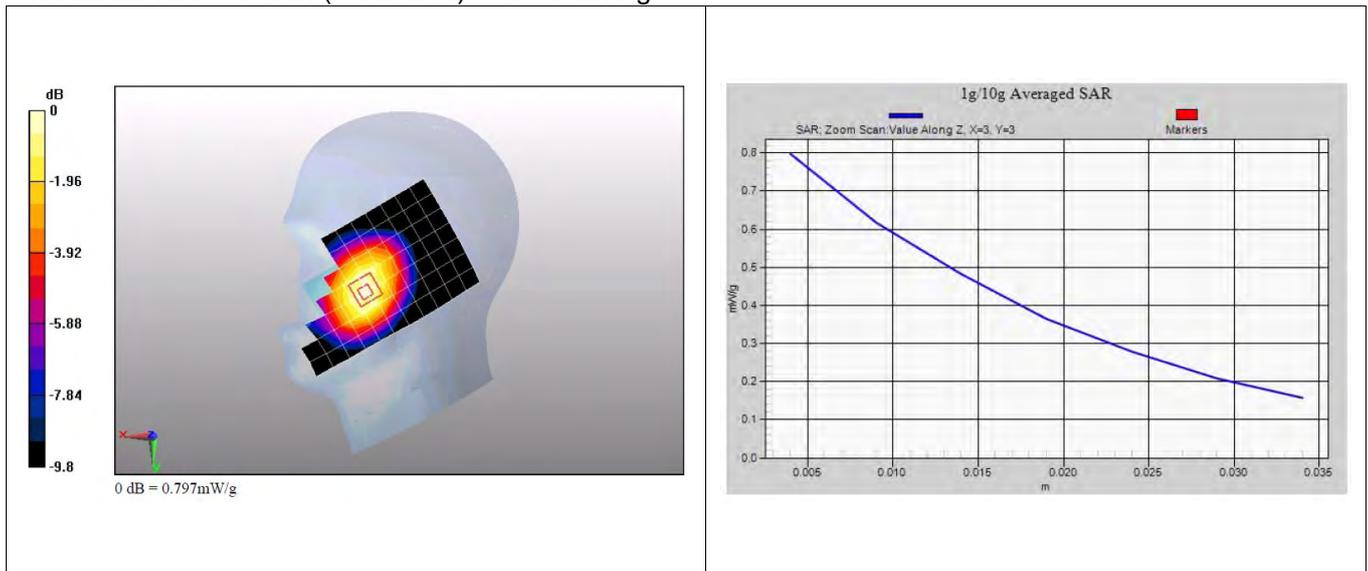
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.45 V/m; Power Drift = 0.071 dB

Peak SAR (extrapolated) = 0.975 W/kg

SAR(1 g) = 0.748 mW/g; SAR(10 g) = 0.546 mW/g

Maximum value of SAR (measured) = 0.797 mW/g



Date/Time: 4/21/2011 13:30:07, Date/Time: 4/21/2011 13:38:14

Test Laboratory: Huawei GCTC Lab

U8500-6 GSM850 190CH Right hand tilt 15 degree

DUT: U8500-6; Type: Mobile phone; Serial: K2M7NA1111000127

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 836.6 MHz

Medium parameters used: $f = 837$ MHz; $\sigma = 0.883$ mho/m; $\epsilon_r = 42$; $\rho = 1000$ kg/m³

Phantom section: Right Section

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

DASY5 Configuration:

Probe: ES3DV3 - SN3168; ConvF(5.98, 5.98, 5.98); Calibrated: 12/23/2010

Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn852; Calibrated: 12/24/2010

Phantom: SAM1; Type: SAM; Serial: TP-1475

Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

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

Maximum value of SAR (measured) = 0.457 mW/g

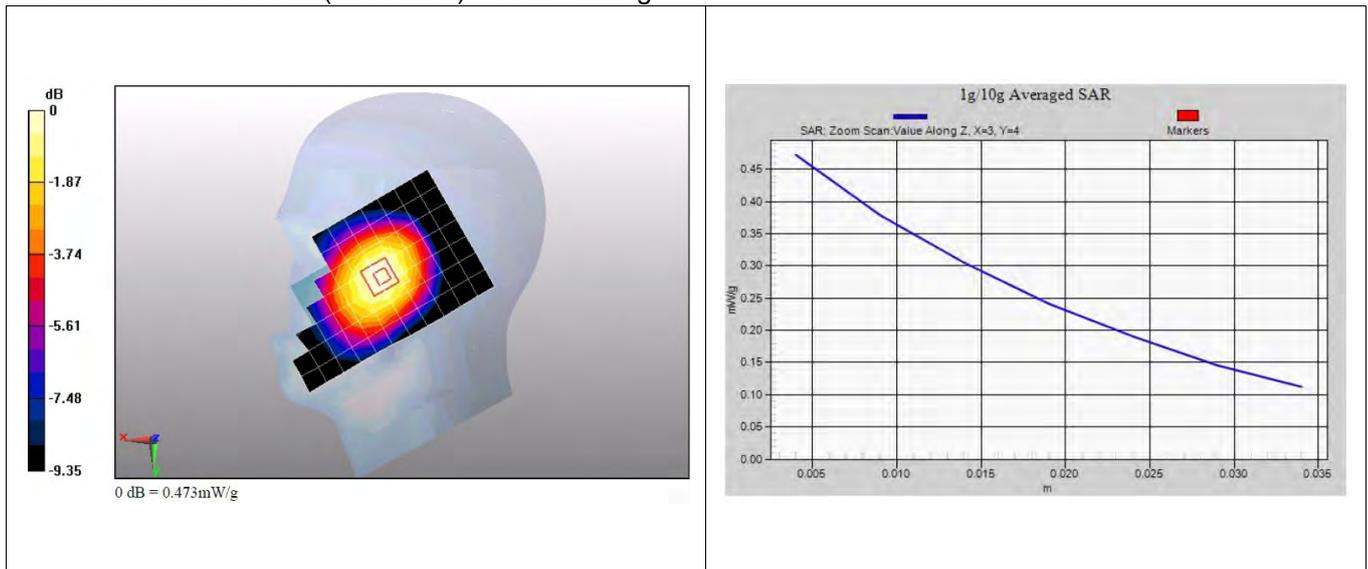
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13 V/m; Power Drift = -0.053 dB

Peak SAR (extrapolated) = 0.560 W/kg

SAR(1 g) = 0.453 mW/g; SAR(10 g) = 0.343 mW/g

Maximum value of SAR (measured) = 0.473 mW/g



Test report no.: SYBH(Z-SAR)003032011-2

Date/Time: 4/21/2011 10:49:38, Date/Time: 4/21/2011 10:58:06

Test Laboratory: Huawei GCTC Lab

U8500-6 GSM850 251CH Left hand touch cheek

DUT: U8500-6; Type: Mobile phone; Serial: K2M7NA1111000127

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 848.8 MHz

Medium parameters used: $f = 849$ MHz; $\sigma = 0.894$ mho/m; $\epsilon_r = 41.9$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

Probe: ES3DV3 - SN3168; ConvF(5.98, 5.98, 5.98); Calibrated: 12/23/2010

Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn852; Calibrated: 12/24/2010

Phantom: SAM1; Type: SAM; Serial: TP-1475

Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

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

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

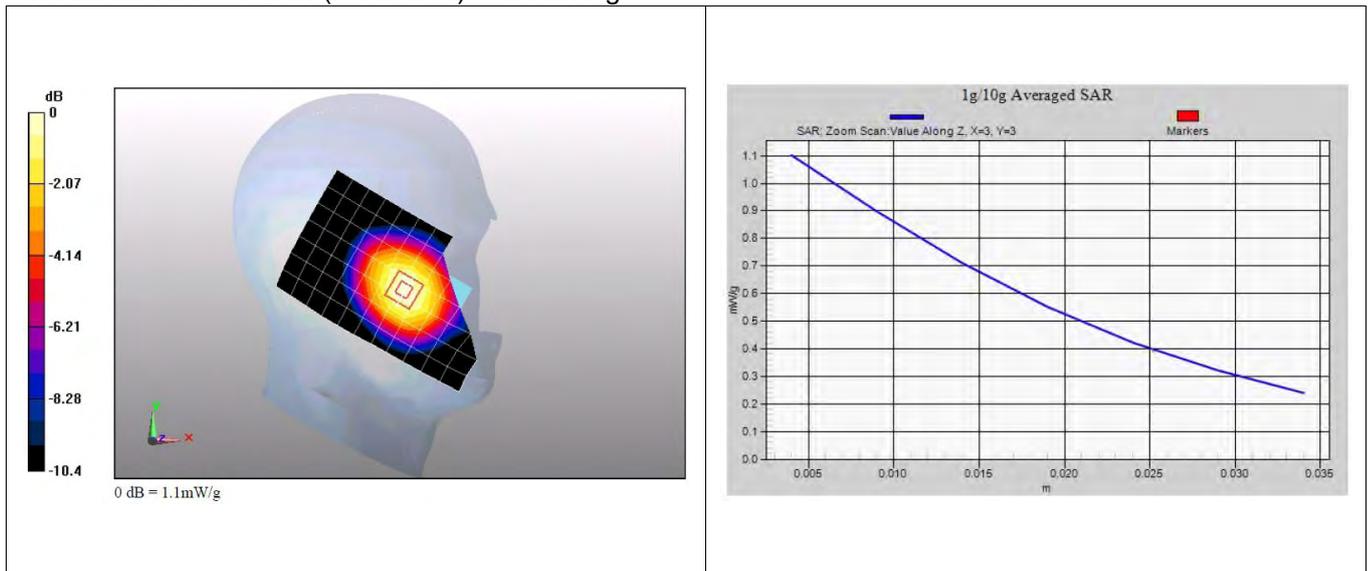
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.32 V/m; Power Drift = -0.058 dB

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.775 mW/g

Maximum value of SAR (measured) = 1.1 mW/g



Test report no.: SYBH(Z-SAR)003032011-2

Date/Time: 4/21/2011 11:15:56, Date/Time: 4/21/2011 11:24:23

Test Laboratory: Huawei GCTC Lab

U8500-6 GSM850 128CH Left hand touch cheek

DUT: U8500-6; Type: Mobile phone; Serial: K2M7NA1111000127

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 824.2 MHz

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.881$ mho/m; $\epsilon_r = 42.2$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

Probe: ES3DV3 - SN3168; ConvF(5.98, 5.98, 5.98); Calibrated: 12/23/2010

Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn852; Calibrated: 12/24/2010

Phantom: SAM1; Type: SAM; Serial: TP-1475

Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

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

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

Maximum value of SAR (measured) = 0.605 mW/g

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

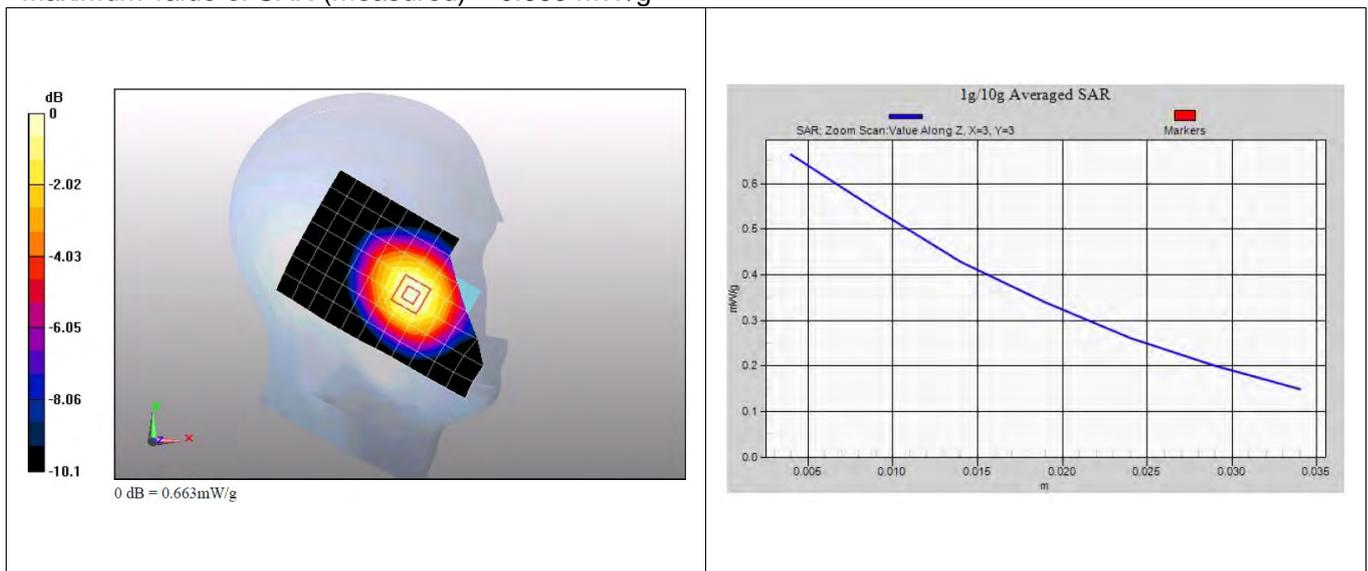
Reference Value = 6.49 V/m; Power Drift = 0.024 dB

Peak SAR (extrapolated) = 0.759 W/kg

SAR(1 g) = 0.628 mW/g; SAR(10 g) = 0.468 mW/g

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

Maximum value of SAR (measured) = 0.663 mW/g



Annex 1.5 GSM 850 MHz Body

Date/Time: 4/21/2011 16:34:46, Date/Time: 4/21/2011 16:44:06

Test Laboratory: Huawei GCTC Lab

U8500-6 GSM850 GPRS 1TS 190CH Towards phantom 15mm

DUT: U8500-6; Type: Mobile phone; Serial: K2M7NA1111000127

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 836.6 MHz

Medium parameters used: $f = 837$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

Probe: ES3DV3 - SN3168; ConvF(5.92, 5.92, 5.92); Calibrated: 12/23/2010

Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn852; Calibrated: 12/24/2010

Phantom: SAM2; Type: SAM; Serial: TP-1474

Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

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

Maximum value of SAR (measured) = 0.641 mW/g

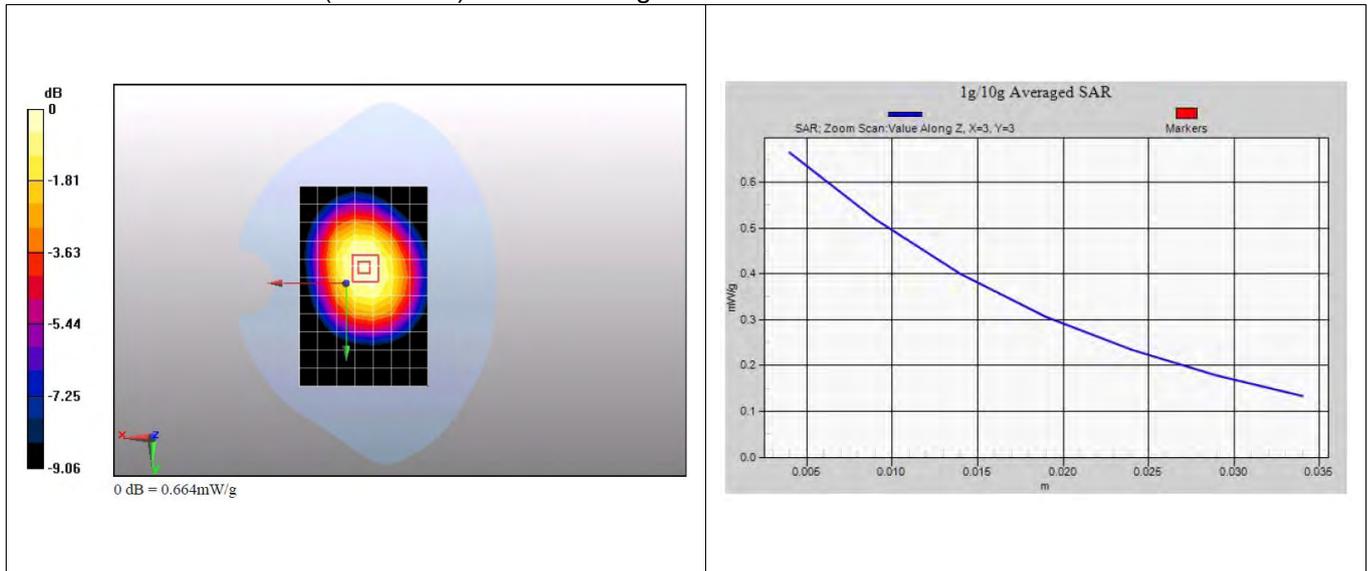
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26 V/m; Power Drift = -0.078 dB

Peak SAR (extrapolated) = 0.792 W/kg

SAR(1 g) = 0.631 mW/g; SAR(10 g) = 0.473 mW/g

Maximum value of SAR (measured) = 0.664 mW/g



Test report no.: SYBH(Z-SAR)003032011-2

Date/Time: 4/21/2011 17:00:58, Date/Time: 4/21/2011 17:10:19

Test Laboratory: Huawei GCTC Lab

U8500-6 GSM850 GPRS 1TS 190CH Towards ground 15mm

DUT: U8500-6; Type: Mobile phone; Serial: K2M7NA1111000127

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 836.6 MHz

Medium parameters used: $f = 837$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

Probe: ES3DV3 - SN3168; ConvF(5.92, 5.92, 5.92); Calibrated: 12/23/2010

Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn852; Calibrated: 12/24/2010

Phantom: SAM2; Type: SAM; Serial: TP-1474

Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

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

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

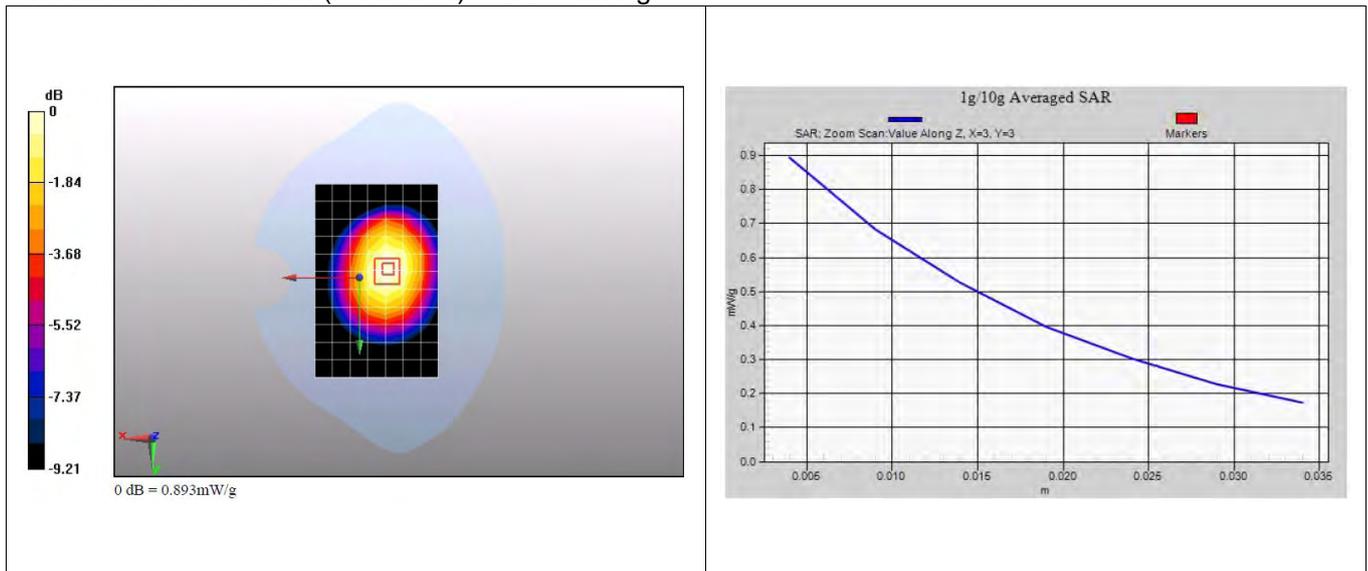
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 30 V/m; Power Drift = 0.031 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.843 mW/g; SAR(10 g) = 0.620 mW/g

Maximum value of SAR (measured) = 0.893 mW/g



Date/Time: 4/21/2011 17:26:39, Date/Time: 4/21/2011 17:36:00

Test Laboratory: Huawei GCTC Lab

U8500-6 GSM850 GPRS 2TS 190CH Towards ground 15mm

DUT: U8500-6; Type: Mobile phone; Serial: K2M7NA1111000127

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 836.6 MHz

Medium parameters used: $f = 837$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

Probe: ES3DV3 - SN3168; ConvF(5.92, 5.92, 5.92); Calibrated: 12/23/2010

Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn852; Calibrated: 12/24/2010

Phantom: SAM2; Type: SAM; Serial: TP-1474

Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

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

Maximum value of SAR (measured) = 0.960 mW/g

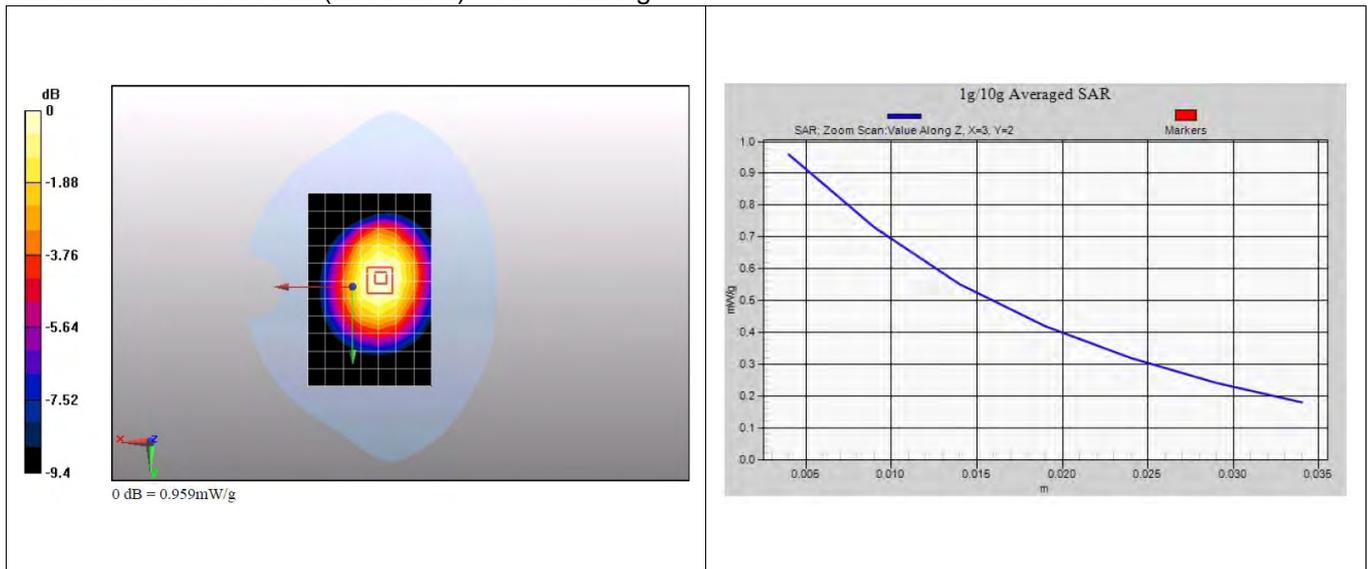
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 31.4 V/m; Power Drift = -0.072 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.910 mW/g; SAR(10 g) = 0.673 mW/g

Maximum value of SAR (measured) = 0.959 mW/g



Date/Time: 4/21/2011 17:53:21, Date/Time: 4/21/2011 18:02:43

Test Laboratory: Huawei GCTC Lab

U8500-6 GSM850 GPRS 2TS 251CH Towards ground 15mm

DUT: U8500-6; Type: Mobile phone; Serial: K2M7NA1111000127

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

Medium parameters used: $f = 849$ MHz; $\sigma = 0.978$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

Probe: ES3DV3 - SN3168; ConvF(5.92, 5.92, 5.92); Calibrated: 12/23/2010

Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn852; Calibrated: 12/24/2010

Phantom: SAM2; Type: SAM; Serial: TP-1474

Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

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

Maximum value of SAR (measured) = 0.875 mW/g

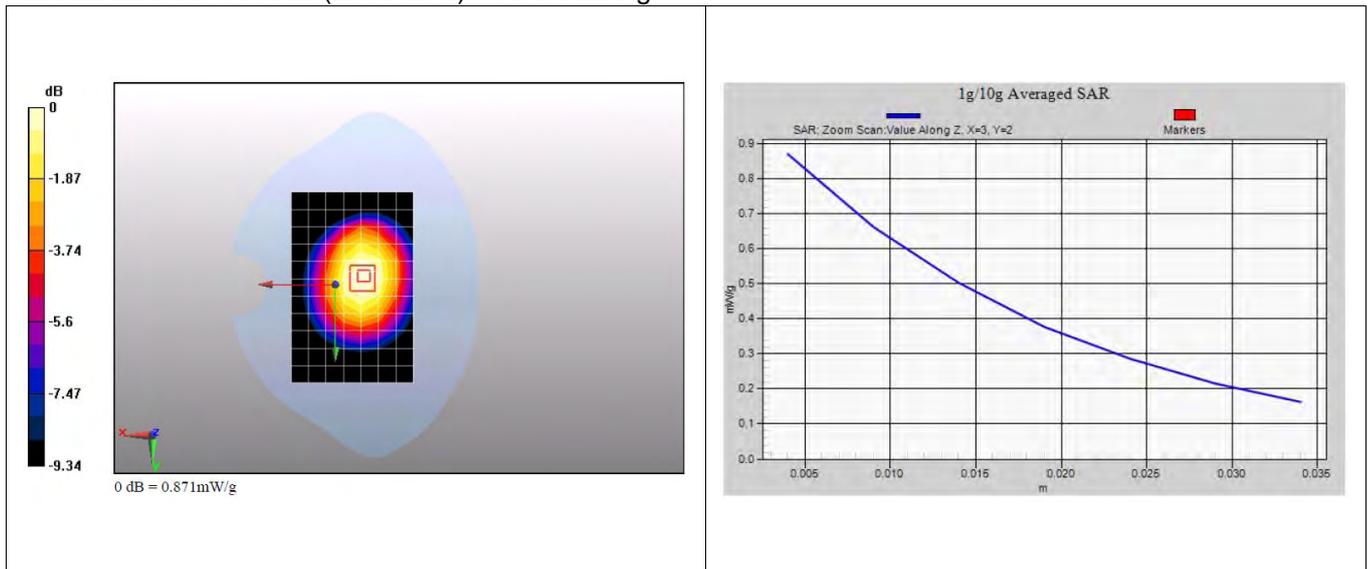
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.6 V/m; Power Drift = 0.069 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.827 mW/g; SAR(10 g) = 0.610 mW/g

Maximum value of SAR (measured) = 0.871 mW/g



Date/Time: 4/22/2011 9:39:25, Date/Time: 4/22/2011 9:48:42

Test Laboratory: Huawei GCTC Lab

U8500-6 GSM850 GPRS 2TS 128CH Towards ground 15mm

DUT: U8500-6; Type: Mobile phone; Serial: K2M7NA1111000127

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

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.955$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

Probe: ES3DV3 - SN3168; ConvF(5.92, 5.92, 5.92); Calibrated: 12/23/2010

Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn852; Calibrated: 12/24/2010

Phantom: SAM2; Type: SAM; Serial: TP-1474

Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

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

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

Maximum value of SAR (measured) = 0.835 mW/g

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

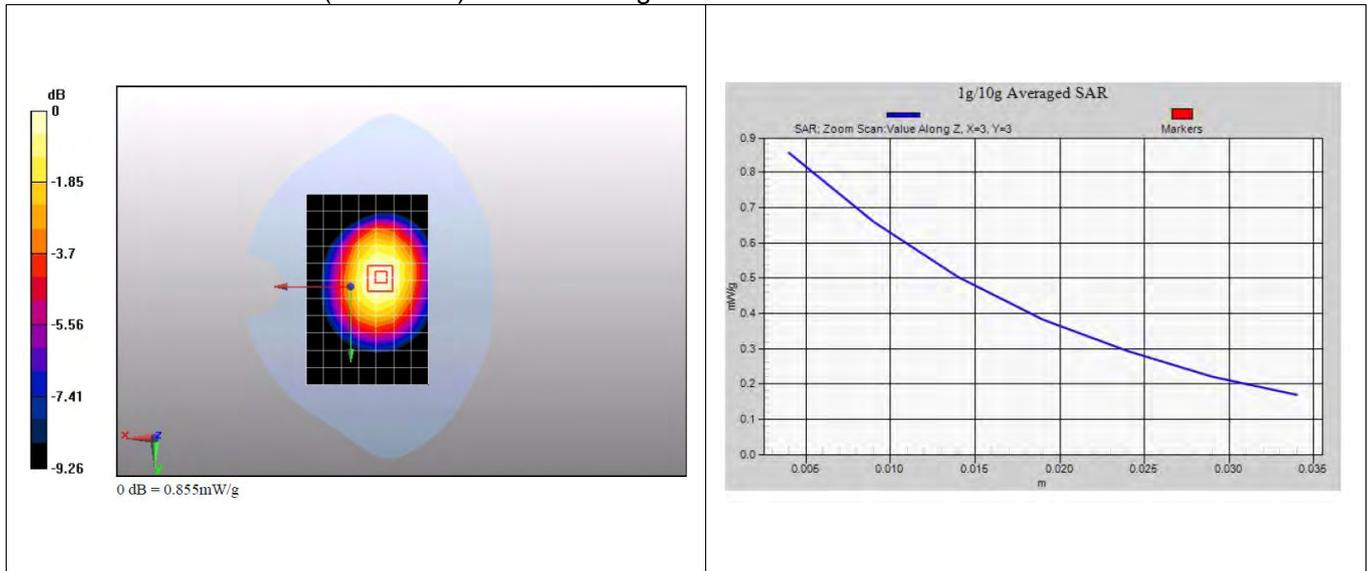
Reference Value = 29.3 V/m; Power Drift = -0.049 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.806 mW/g; SAR(10 g) = 0.595 mW/g

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

Maximum value of SAR (measured) = 0.855 mW/g



Test report no.: SYBH(Z-SAR)003032011-2

Date/Time: 4/22/2011 10:27:50, Date/Time: 4/22/2011 10:37:08

Test Laboratory: Huawei GCTC Lab

U8500-6 GSM850 GPRS 1TS 251CH Towards ground 15mm

DUT: U8500-6; Type: Mobile phone; Serial: K2M7NA1111000127

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 848.8 MHz

Medium parameters used: $f = 849$ MHz; $\sigma = 0.978$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

Probe: ES3DV3 - SN3168; ConvF(5.92, 5.92, 5.92); Calibrated: 12/23/2010

Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn852; Calibrated: 12/24/2010

Phantom: SAM2; Type: SAM; Serial: TP-1474

Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

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

Maximum value of SAR (measured) = 0.800 mW/g

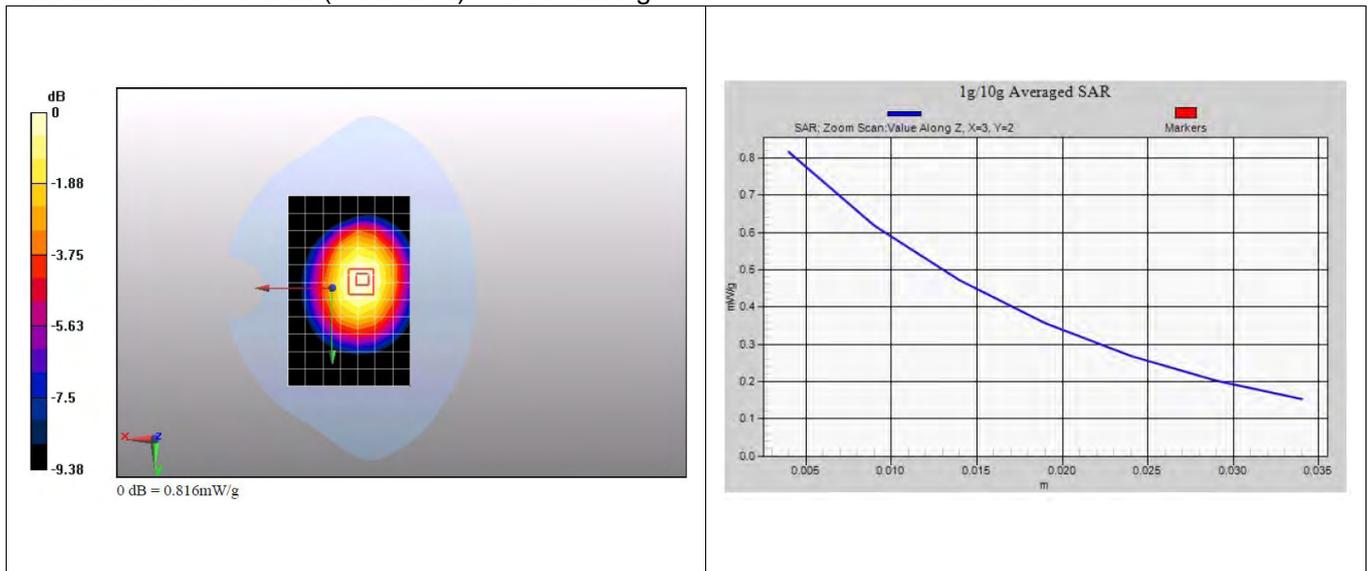
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.4 V/m; Power Drift = 0.026 dB

Peak SAR (extrapolated) = 0.994 W/kg

SAR(1 g) = 0.774 mW/g; SAR(10 g) = 0.569 mW/g

Maximum value of SAR (measured) = 0.816 mW/g



Test report no.: SYBH(Z-SAR)003032011-2

Date/Time: 4/22/2011 10:04:00, Date/Time: 4/22/2011 10:13:16

Test Laboratory: Huawei GCTC Lab

U8500-6 GSM850 GPRS 1TS 128CH Towards ground 15mm

DUT: U8500-6; Type: Mobile phone; Serial: K2M7NA1111000127

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 824.2 MHz

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.955$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

Probe: ES3DV3 - SN3168; ConvF(5.92, 5.92, 5.92); Calibrated: 12/23/2010

Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn852; Calibrated: 12/24/2010

Phantom: SAM2; Type: SAM; Serial: TP-1474

Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

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

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

Maximum value of SAR (measured) = 0.763 mW/g

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

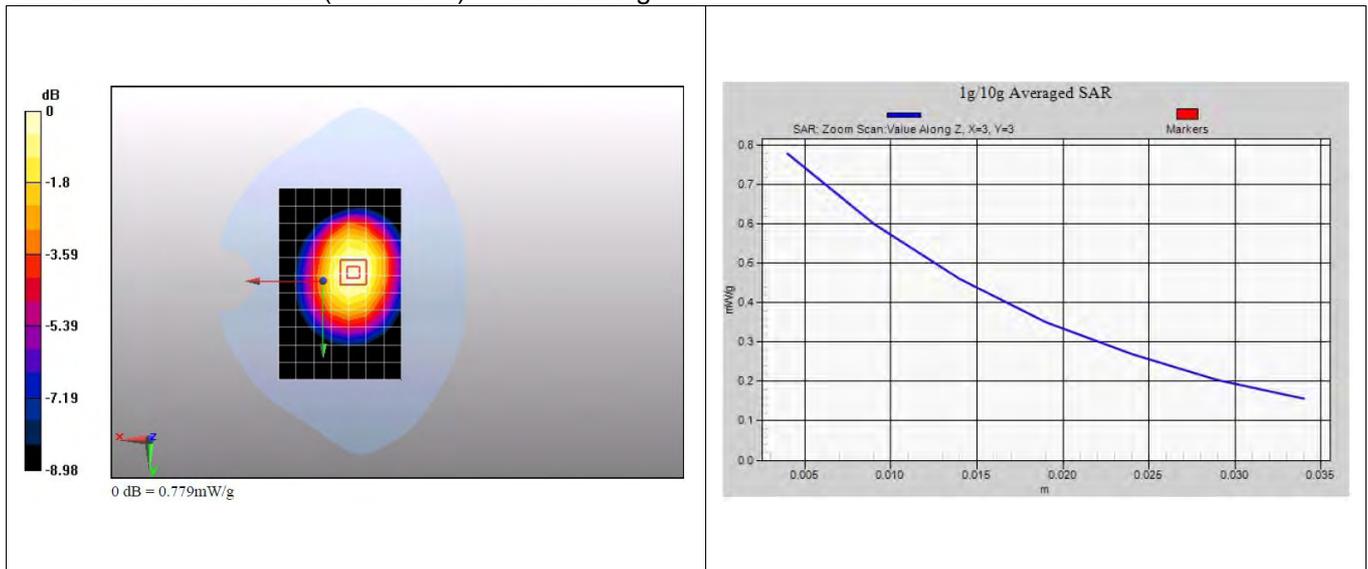
Reference Value = 27.6 V/m; Power Drift = 0.090 dB

Peak SAR (extrapolated) = 0.942 W/kg

SAR(1 g) = 0.737 mW/g; SAR(10 g) = 0.544 mW/g

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

Maximum value of SAR (measured) = 0.779 mW/g



Test report no.: SYBH(Z-SAR)003032011-2

Date/Time: 4/22/2011 10:52:11, Date/Time: 4/22/2011 11:01:28

Test Laboratory: Huawei GCTC Lab

U8500-6 GSM850 EGPRS 1TS 190CH Towards ground 15mm

DUT: U8500-6; Type: Mobile phone; Serial: K2M7NA1111000127

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 836.6 MHz

Medium parameters used: $f = 837$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

Probe: ES3DV3 - SN3168; ConvF(5.92, 5.92, 5.92); Calibrated: 12/23/2010

Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn852; Calibrated: 12/24/2010

Phantom: SAM2; Type: SAM; Serial: TP-1474

Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

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

Maximum value of SAR (measured) = 0.879 mW/g

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

Reference Value = 29.9 V/m; Power Drift = -0.00883 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.851 mW/g; SAR(10 g) = 0.627 mW/g

Maximum value of SAR (measured) = 0.903 mW/g

