

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

Date/Time: 3/12/2011 1:51:27 AM, Date/Time: 3/12/2011 1:59:45 AM

U8500-6 GSM1900 810CH Left hand touch cheek

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

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

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 39.3$; $\rho = 1000$ kg/m³

Phantom section: Left Section

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

DASY5 Configuration:

Probe: ES3DV3 - SN3168; ConvF(4.97, 4.97, 4.97); 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) = 0.493 mW/g

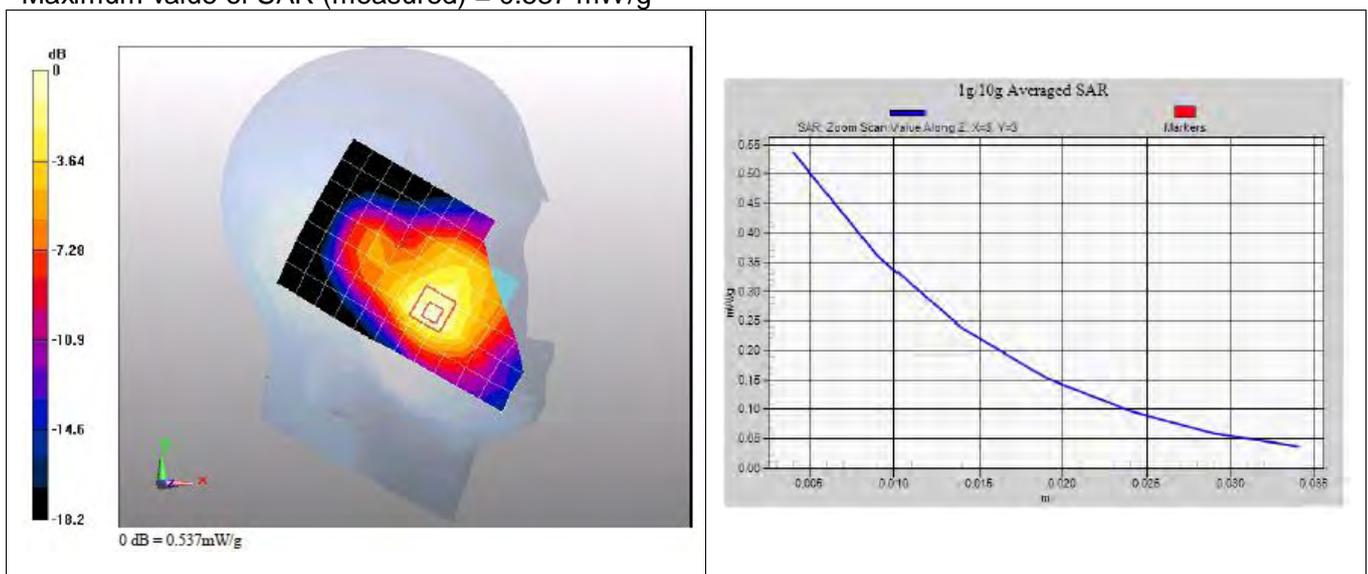
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.97 V/m; Power Drift = 0.00761 dB

Peak SAR (extrapolated) = 0.752 W/kg

SAR(1 g) = 0.488 mW/g; SAR(10 g) = 0.293 mW/g

Maximum value of SAR (measured) = 0.537 mW/g



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

Date/Time: 3/12/2011 2:13:54 AM, Date/Time: 3/12/2011 2:22:13 AM

U8500-6 GSM1900 512CH Left hand touch cheek

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

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

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.36$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

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

DASY5 Configuration:

Probe: ES3DV3 - SN3168; ConvF(4.97, 4.97, 4.97); 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) = 0.401 mW/g

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

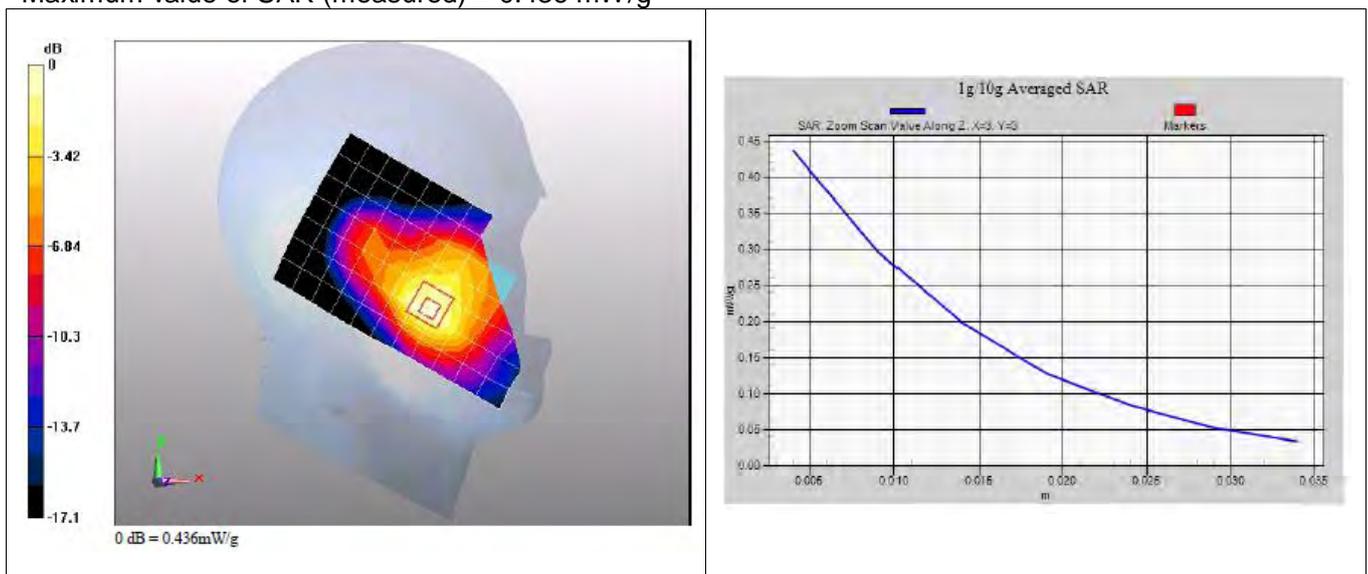
Reference Value = 6.43 V/m; Power Drift = -0.00691 dB

Peak SAR (extrapolated) = 0.606 W/kg

SAR(1 g) = 0.395 mW/g; SAR(10 g) = 0.239 mW/g

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

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



Annex 1.2 PCS 1900 MHz Body

Date/Time: 3/10/2011 1:59:42 AM, Date/Time: 3/10/2011 2:06:57 AM, Date/Time: 3/10/2011 2:20:02 AM

U8500-6 GSM1900 GPRS 1TS 661CH Towards phantom 15mm

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

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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: SAM1; Type: SAM; Serial: TP-1475

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

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

Maximum value of SAR (measured) = 0.252 mW/g

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

Reference Value = 6.67 V/m; Power Drift = 0.131 dB

Peak SAR (extrapolated) = 0.396 W/kg

SAR(1 g) = 0.246 mW/g; SAR(10 g) = 0.149 mW/g

Maximum value of SAR (measured) = 0.266 mW/g

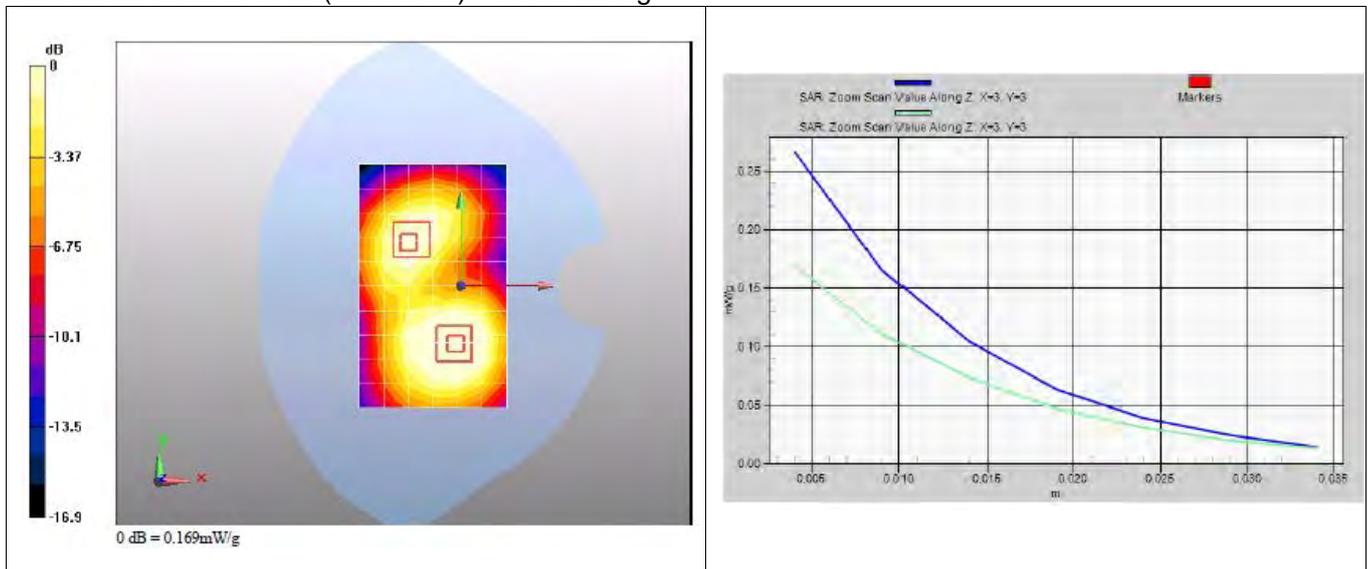
Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.67 V/m; Power Drift = 0.131 dB

Peak SAR (extrapolated) = 0.245 W/kg

SAR(1 g) = 0.158 mW/g; SAR(10 g) = 0.100 mW/g

Maximum value of SAR (measured) = 0.169 mW/g



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

Date/Time: 3/10/2011 2:50:52 AM, Date/Time: 3/10/2011 2:58:08 AM

U8500-6 GSM1900 GPRS 1TS 661CH Towards ground 15mm

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

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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: SAM1; Type: SAM; Serial: TP-1475

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

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

Maximum value of SAR (measured) = 0.354 mW/g

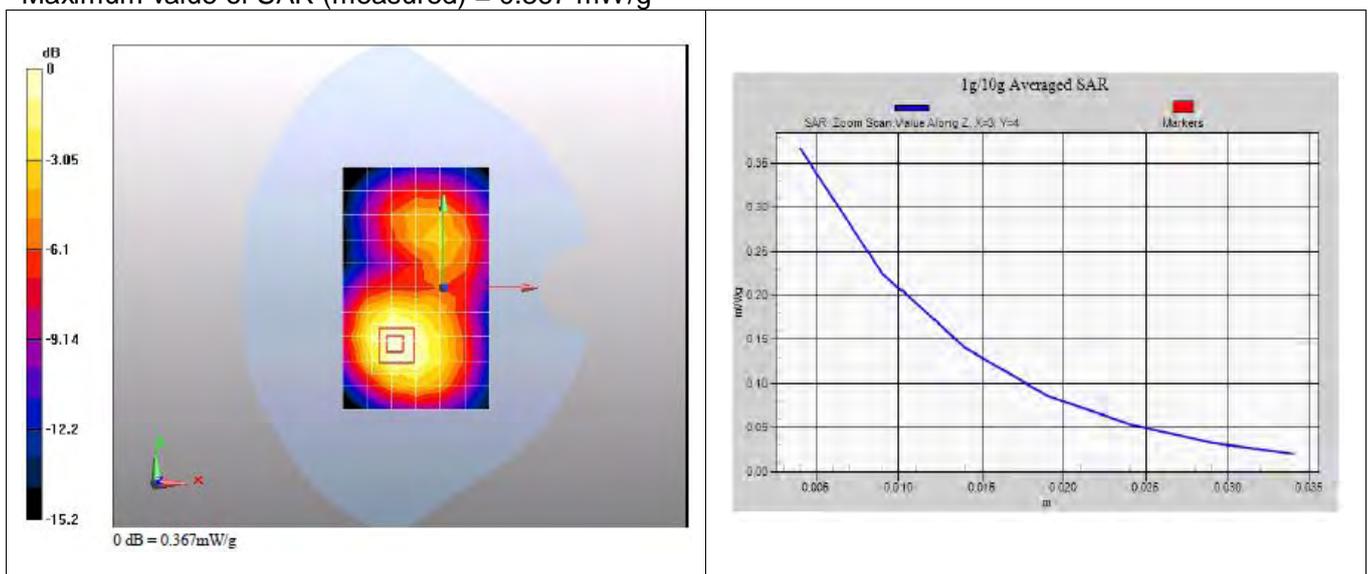
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.57 V/m; Power Drift = 0.046 dB

Peak SAR (extrapolated) = 0.551 W/kg

SAR(1 g) = 0.341 mW/g; SAR(10 g) = 0.208 mW/g

Maximum value of SAR (measured) = 0.367 mW/g



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

Date/Time: 3/10/2011 3:33:44 AM, Date/Time: 3/10/2011 3:40:58 AM

U8500-6 GSM1900 GPRS 2TS 661CH Towards ground 15mm

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

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ 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: SAM1; Type: SAM; Serial: TP-1475

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

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

Maximum value of SAR (measured) = 0.694 mW/g

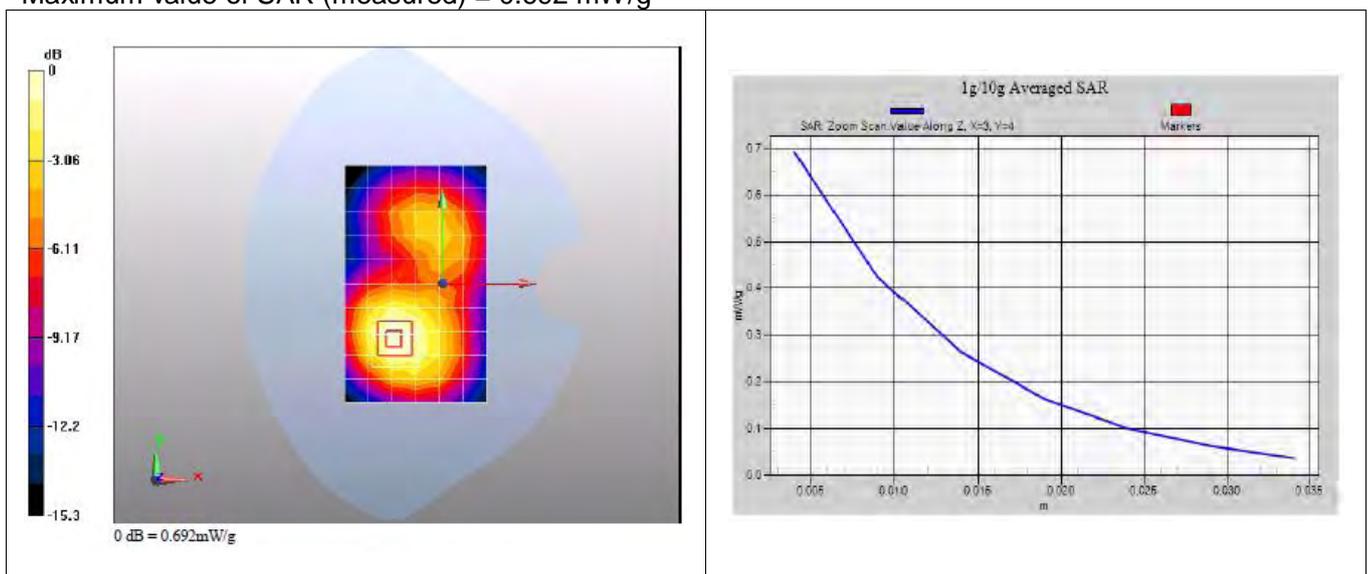
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.6 V/m; Power Drift = -0.078 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.646 mW/g; SAR(10 g) = 0.395 mW/g

Maximum value of SAR (measured) = 0.692 mW/g



Date/Time: 3/10/2011 3:55:38 AM, Date/Time: 3/10/2011 4:02:54 AM

U8500-6 GSM1900 GPRS 2TS 810CH Towards ground 15mm

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; $\sigma = 1.51$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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: SAM1; Type: SAM; Serial: TP-1475

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

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

Maximum value of SAR (measured) = 0.744 mW/g

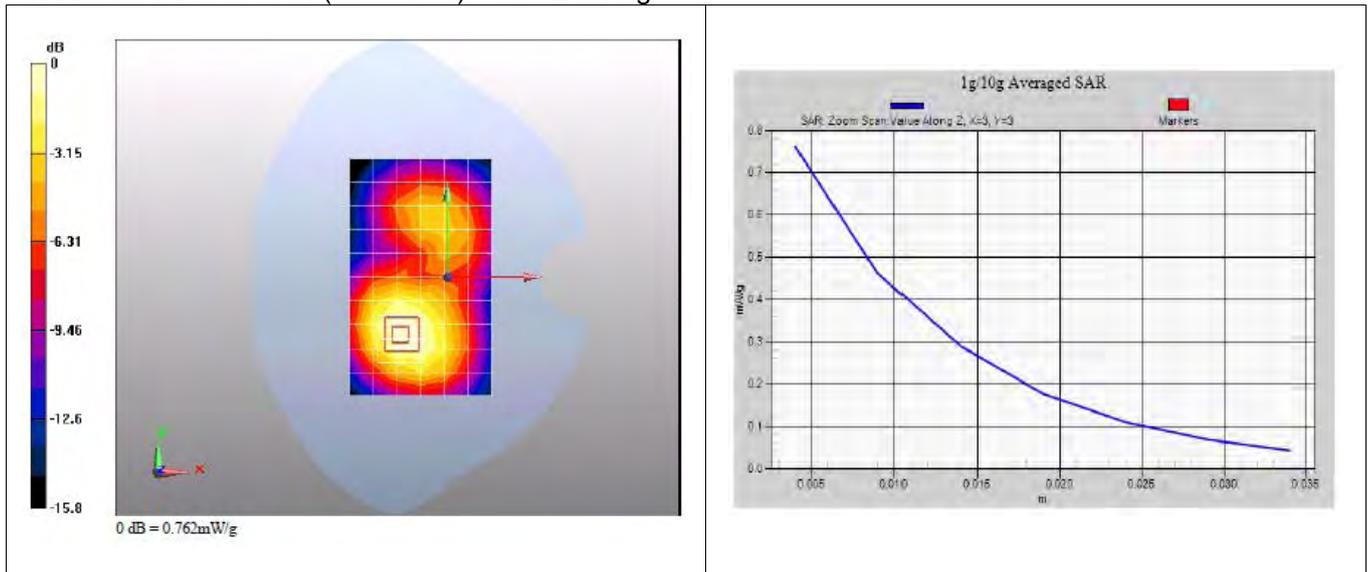
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.6 V/m; Power Drift = -0.018 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.709 mW/g; SAR(10 g) = 0.434 mW/g

Maximum value of SAR (measured) = 0.762 mW/g



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

Date/Time: 3/10/2011 4:18:31 AM, Date/Time: 3/10/2011 4:25:45 AM

U8500-6 GSM1900 GPRS 2TS 512CH Towards ground 15mm

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

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 1850.2 MHz

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ 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: SAM1; Type: SAM; Serial: TP-1475

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

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

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

Maximum value of SAR (measured) = 0.557 mW/g

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

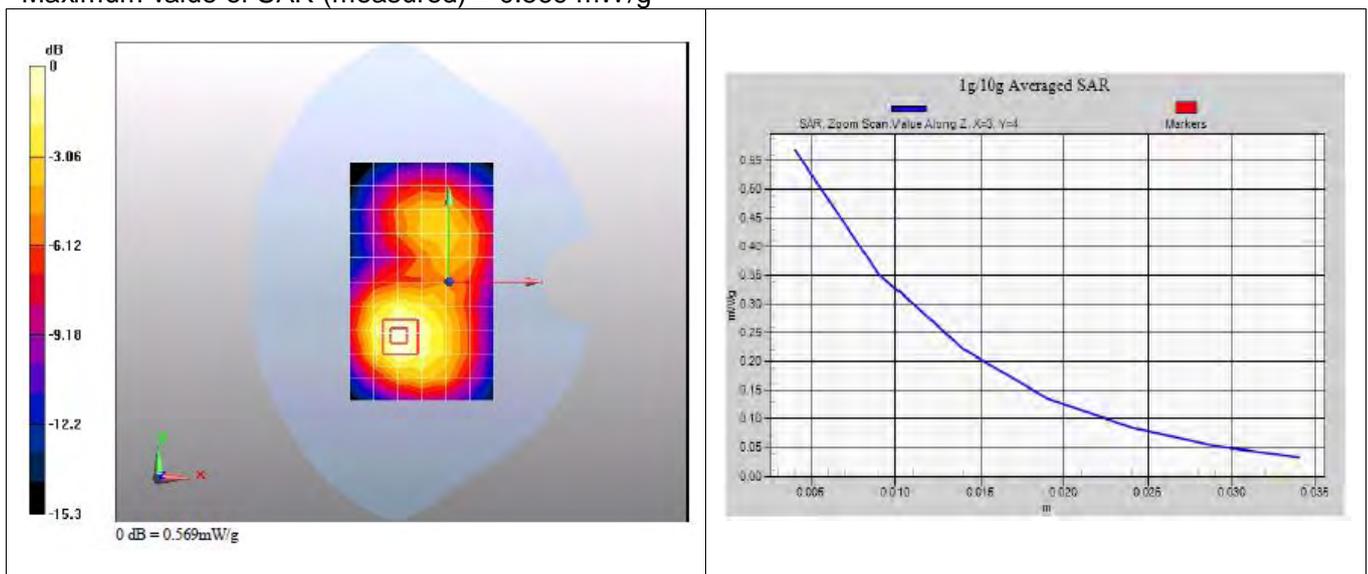
Reference Value = 9.99 V/m; Power Drift = -0.099 dB

Peak SAR (extrapolated) = 0.847 W/kg

SAR(1 g) = 0.527 mW/g; SAR(10 g) = 0.321 mW/g

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

Maximum value of SAR (measured) = 0.569 mW/g



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

Date/Time: 3/10/2011 6:08:35 AM, Date/Time: 3/10/2011 6:15:49 AM

U8500-6 GSM1900 EGPRS 1TS 661CH Towards ground 15mm

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

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ 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: SAM1; Type: SAM; Serial: TP-1475

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

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

Maximum value of SAR (measured) = 0.350 mW/g

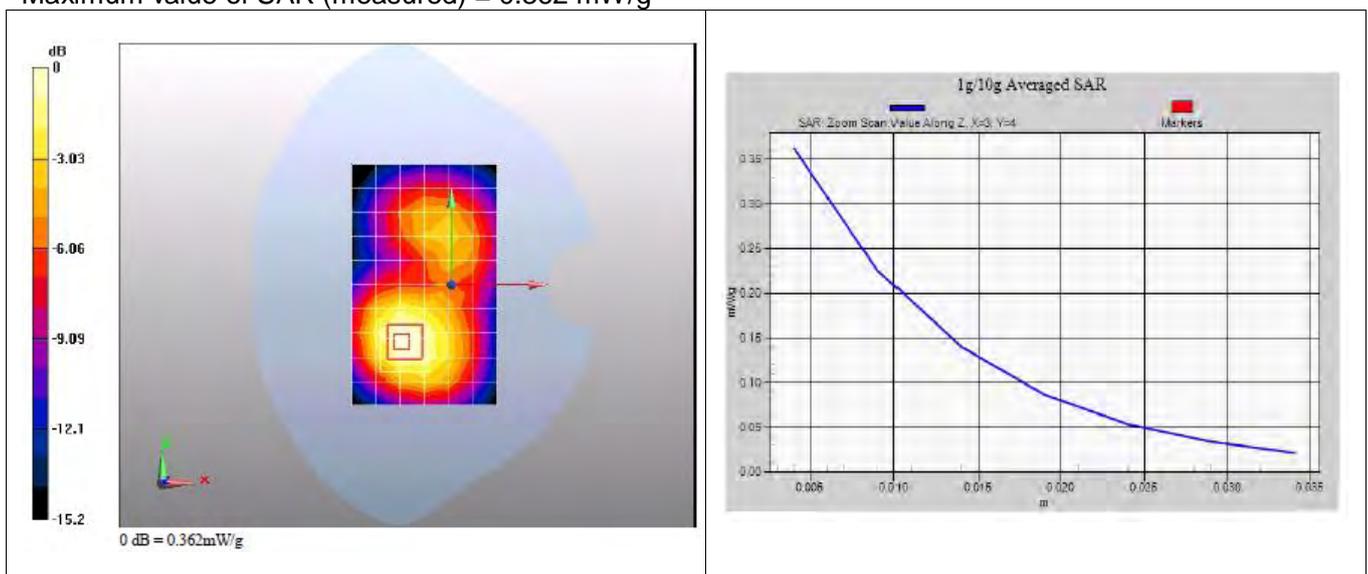
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.51 V/m; Power Drift = 0.107 dB

Peak SAR (extrapolated) = 0.546 W/kg

SAR(1 g) = 0.339 mW/g; SAR(10 g) = 0.206 mW/g

Maximum value of SAR (measured) = 0.362 mW/g



Date/Time: 3/10/2011 5:34:11 AM, Date/Time: 3/10/2011 5:41:26 AM

U8500-6 GSM1900 EGPRS 2TS 661CH Towards ground 15mm

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

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ 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: SAM1; Type: SAM; Serial: TP-1475

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

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

Maximum value of SAR (measured) = 0.702 mW/g

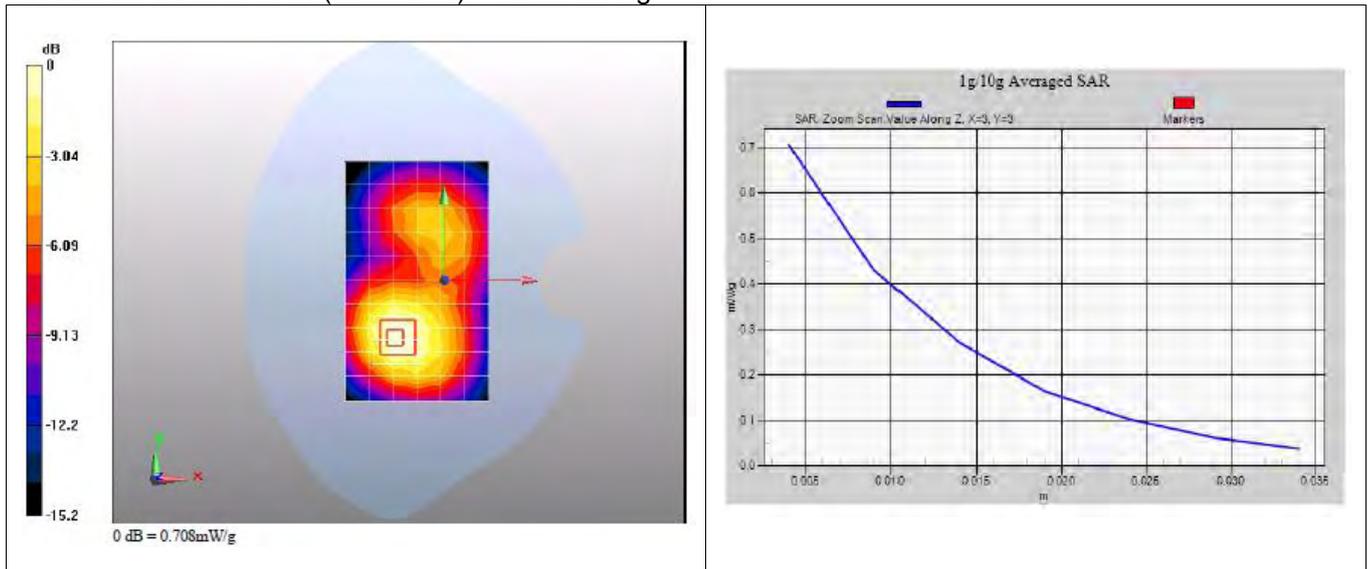
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.7 V/m; Power Drift = -0.080 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.660 mW/g; SAR(10 g) = 0.403 mW/g

Maximum value of SAR (measured) = 0.708 mW/g



Date/Time: 3/10/2011 6:48:06 AM, Date/Time: 3/10/2011 6:55:21 AM

U8500-6 GSM1900 EGPRS 2TS 810CH Towards ground 15mm

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; $\sigma = 1.51$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (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: SAM1; Type: SAM; Serial: TP-1475

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

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

Maximum value of SAR (measured) = 0.755 mW/g

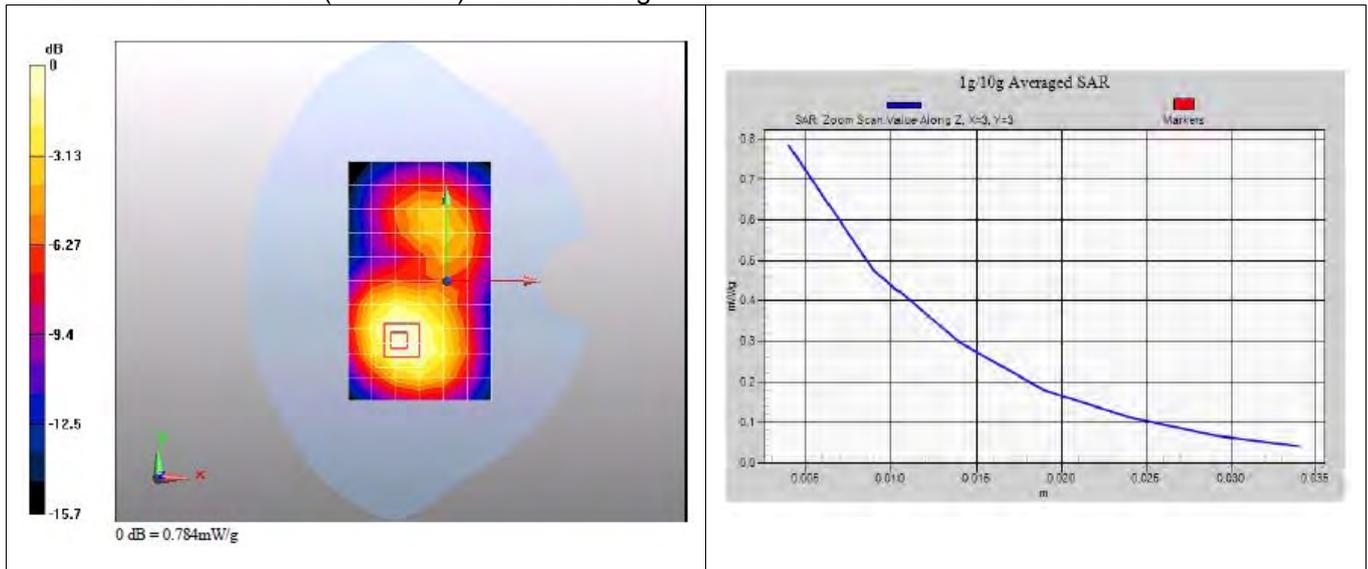
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.8 V/m; Power Drift = -0.080 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.728 mW/g; SAR(10 g) = 0.446 mW/g

Maximum value of SAR (measured) = 0.784 mW/g



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

Date/Time: 3/10/2011 8:45:02 AM, Date/Time: 3/10/2011 8:52:17 AM

U8500-6 GSM1900 EGPRS 2TS 512CH Towards ground 15mm

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

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 1850.2 MHz

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ 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: SAM1; Type: SAM; Serial: TP-1475

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

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

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

Maximum value of SAR (measured) = 0.287 mW/g

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

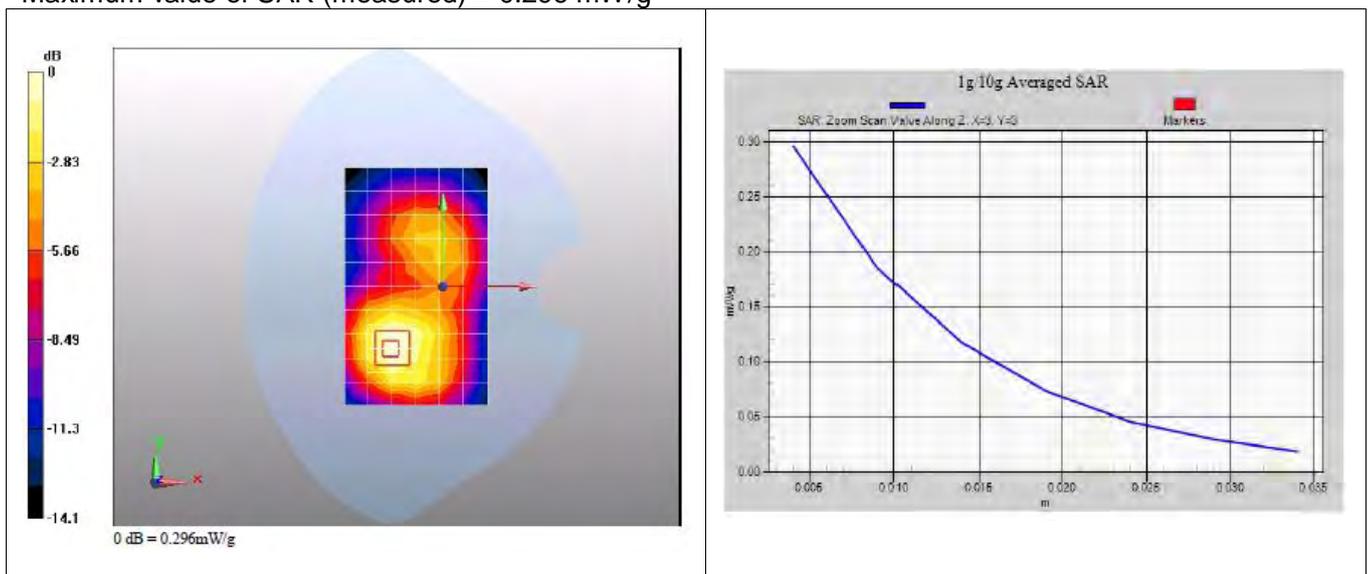
Reference Value = 7.12 V/m; Power Drift = -0.055 dB

Peak SAR (extrapolated) = 0.434 W/kg

SAR(1 g) = 0.273 mW/g; SAR(10 g) = 0.167 mW/g

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

Maximum value of SAR (measured) = 0.296 mW/g



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

Date/Time: 3/10/2011 9:31:40 AM, Date/Time: 3/10/2011 9:38:54 AM

U8500-6 GSM1900 810CH Towards ground 15mm with Headset

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

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

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ 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: SAM1; Type: SAM; Serial: TP-1475

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

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

Maximum value of SAR (measured) = 0.424 mW/g

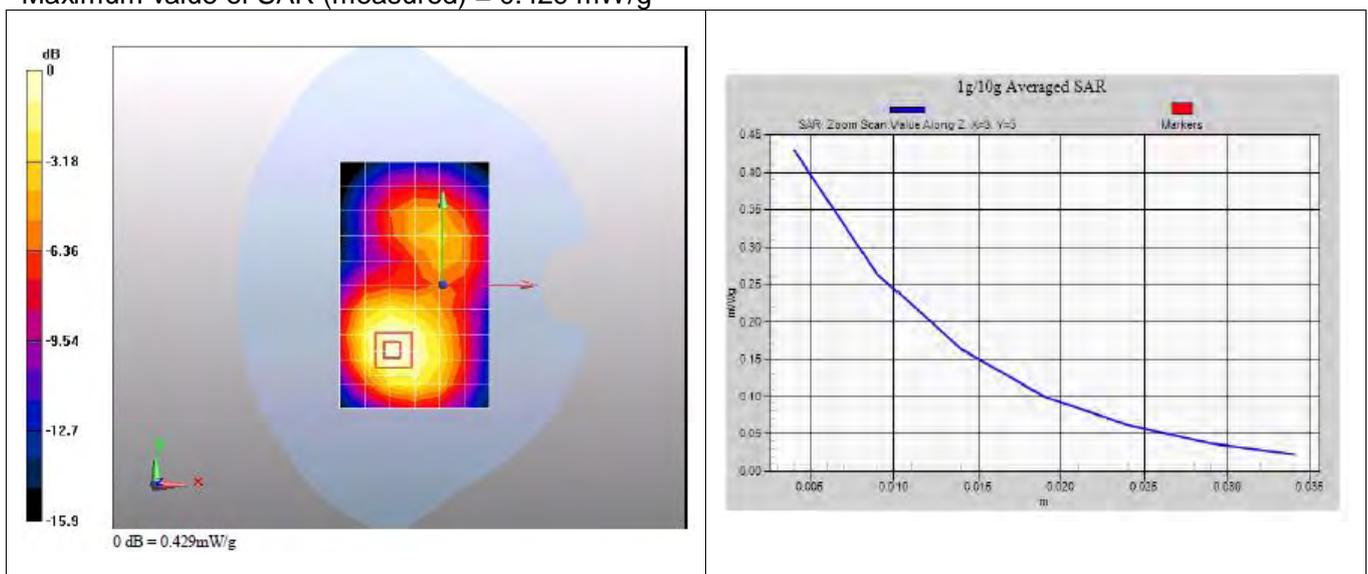
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.6 V/m; Power Drift = -0.058 dB

Peak SAR (extrapolated) = 0.653 W/kg

SAR(1 g) = 0.402 mW/g; SAR(10 g) = 0.245 mW/g

Maximum value of SAR (measured) = 0.429 mW/g



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

Date/Time: 3/10/2011 4:39:59 PM, Date/Time: 3/10/2011 4:54:54 PM

U8500-6 GSM1900 810CH Towards ground 15mm with Bluetooth Headse

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

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

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ 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: SAM1; Type: SAM; Serial: TP-1475

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

Configuration/Body/Area Scan (10x16x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.410 mW/g

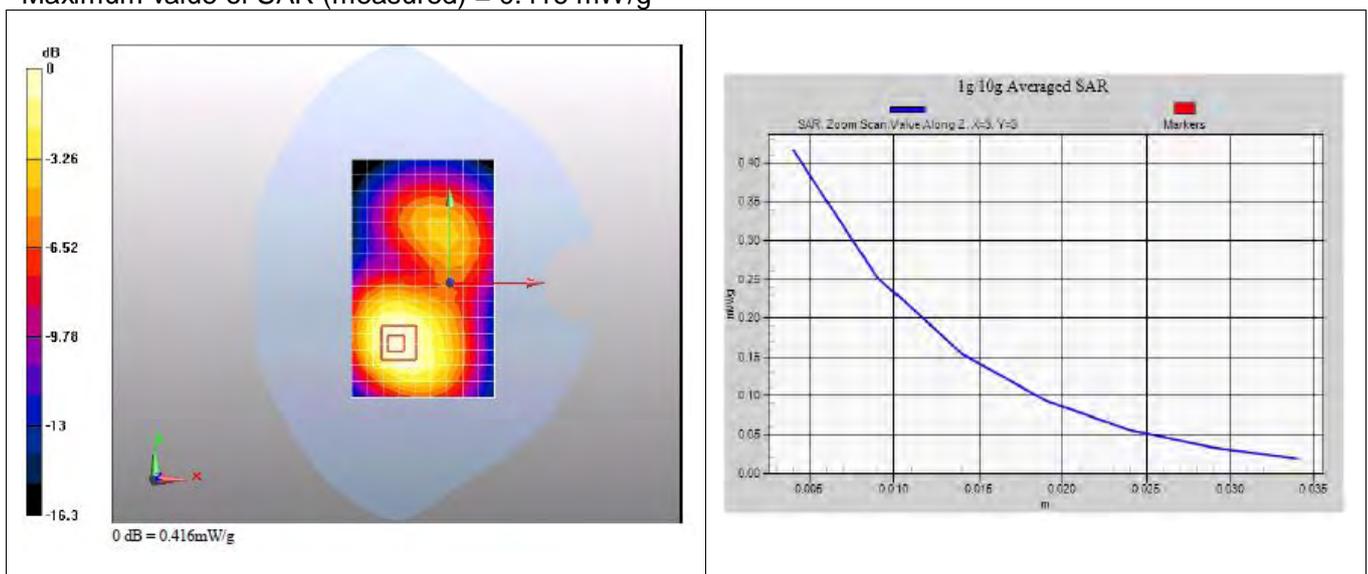
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.38 V/m; Power Drift = 0.100 dB

Peak SAR (extrapolated) = 0.633 W/kg

SAR(1 g) = 0.386 mW/g; SAR(10 g) = 0.235 mW/g

Maximum value of SAR (measured) = 0.416 mW/g



Annex 1.3 PCS 1900 MHz Hotspot

Date/Time: 5/10/2011 7:26:59, Date/Time: 5/10/2011 7:35:28

Test Laboratory: Huawei GCTC Lab

U8500-6 GSM1900 GPRS 2TS 661CH Towards phantom 10mm

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

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ 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) = 0.713 mW/g

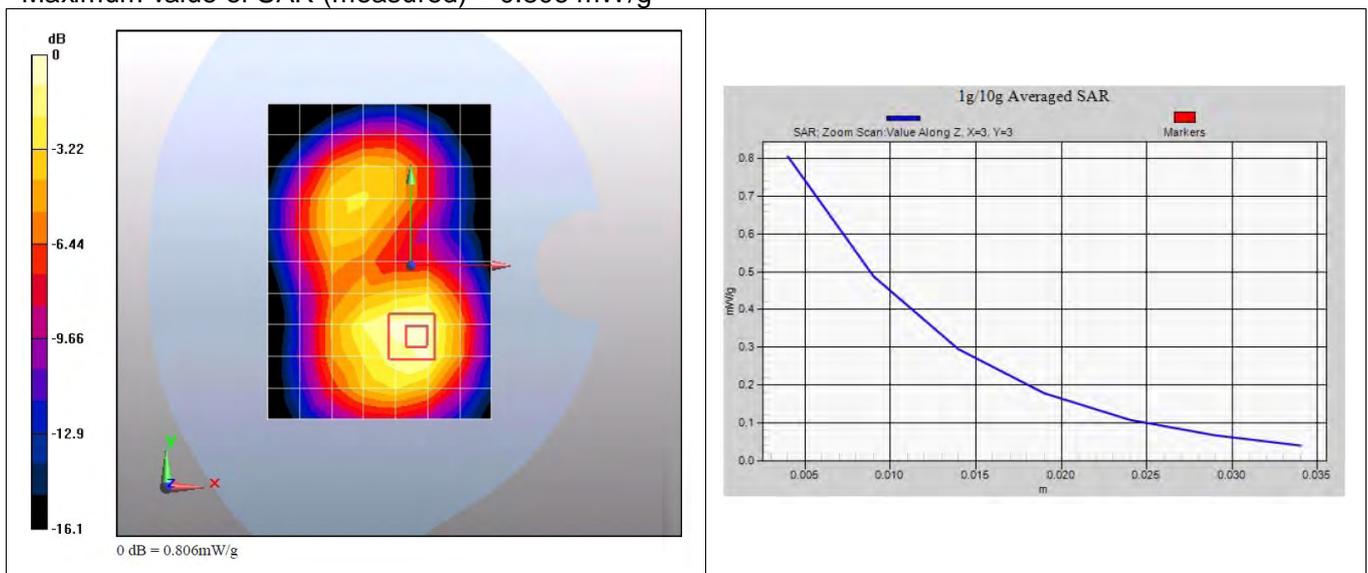
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.2 V/m; Power Drift = 0.045 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.738 mW/g; SAR(10 g) = 0.436 mW/g

Maximum value of SAR (measured) = 0.806 mW/g



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

Date/Time: 5/10/2011 0:24:04, Date/Time: 5/10/2011 0:32:32

Test Laboratory: Huawei GCTC Lab

U8500-6 GSM1900 GPRS 2TS 661CH Towards ground 10mm

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

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ 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) = 0.934 mW/g

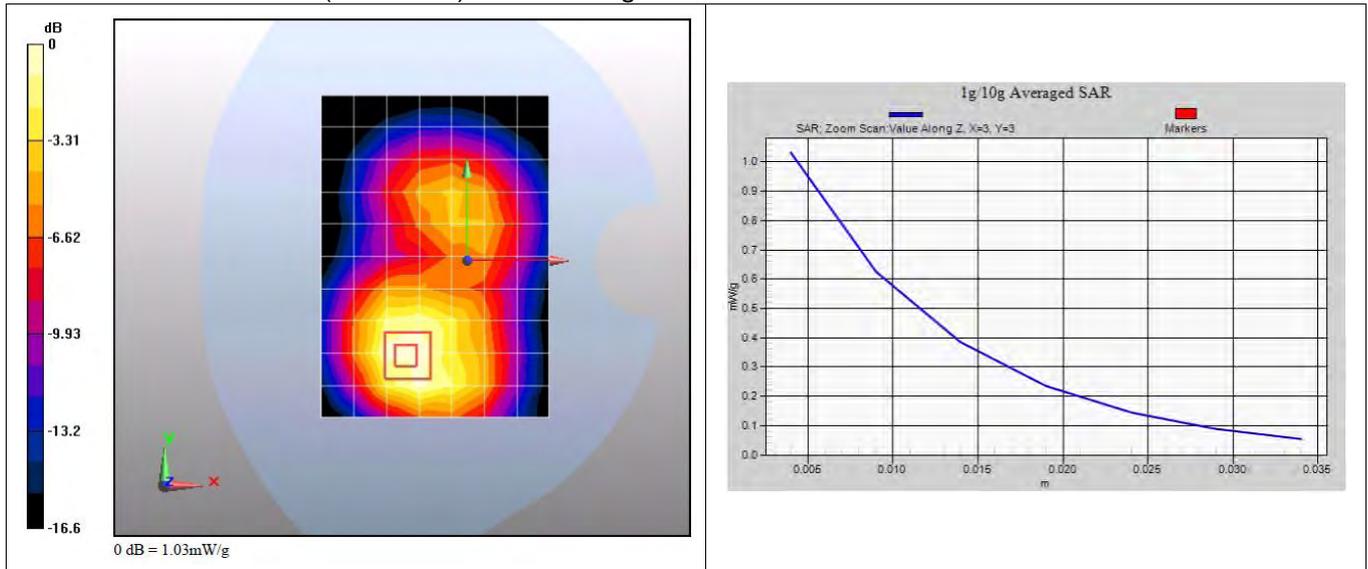
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.8 V/m; Power Drift = -0.035 dB

Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 0.963 mW/g; SAR(10 g) = 0.578 mW/g

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





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

Date/Time: 4/23/2011 23:21:55, Date/Time: 4/23/2011 23:29:20, Date/Time: 4/23/2011 23:42:28

Test Laboratory: Huawei GCTC Lab

U8500-6 GSM1900 GPRS 2TS 661CH Left edge 10mm

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

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ 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 (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.309 mW/g

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

Reference Value = 11.6 V/m; Power Drift = -0.072 dB

Peak SAR (extrapolated) = 0.494 W/kg

SAR(1 g) = 0.306 mW/g; SAR(10 g) = 0.180 mW/g

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

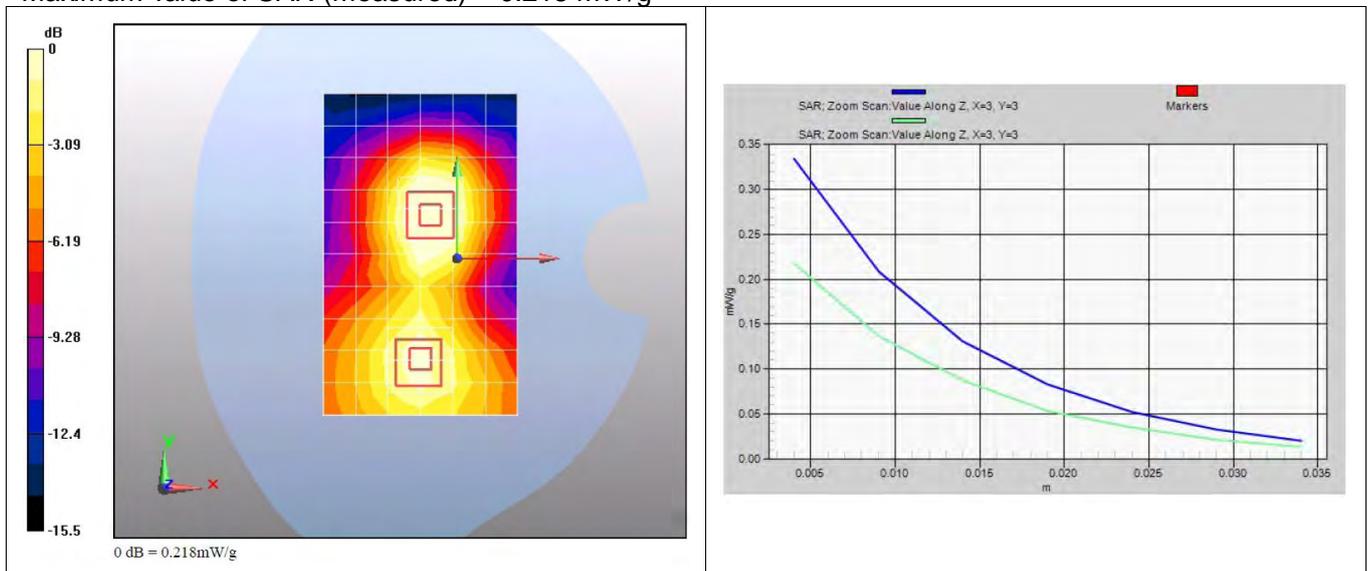
Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.6 V/m; Power Drift = -0.072 dB

Peak SAR (extrapolated) = 0.320 W/kg

SAR(1 g) = 0.200 mW/g; SAR(10 g) = 0.122 mW/g

Maximum value of SAR (measured) = 0.218 mW/g



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

Date/Time: 4/23/2011 23:59:18, Date/Time: 5/10/2011 0:06:43

Test Laboratory: Huawei GCTC Lab

U8500-6 GSM1900 GPRS 2TS 661CH Right edge 10mm

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

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

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

Maximum value of SAR (measured) = 0.355 mW/g

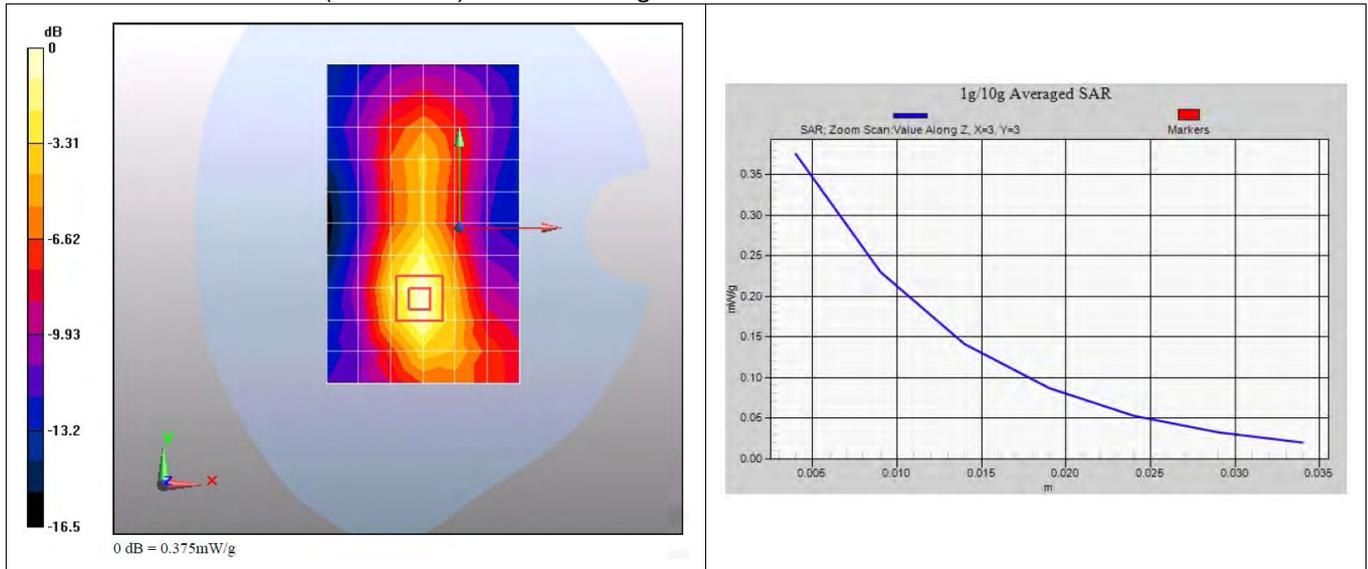
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.2 V/m; Power Drift = -0.00687 dB

Peak SAR (extrapolated) = 0.562 W/kg

SAR(1 g) = 0.338 mW/g; SAR(10 g) = 0.191 mW/g

Maximum value of SAR (measured) = 0.375 mW/g





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

Date/Time: 4/23/2011 22:56:36, Date/Time: 4/23/2011 23:00:01

Test Laboratory: Huawei GCTC Lab

U8500-6 GSM1900 GPRS 2TS 661CH Bottom edge 10mm

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

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ 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 (5x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.783 mW/g

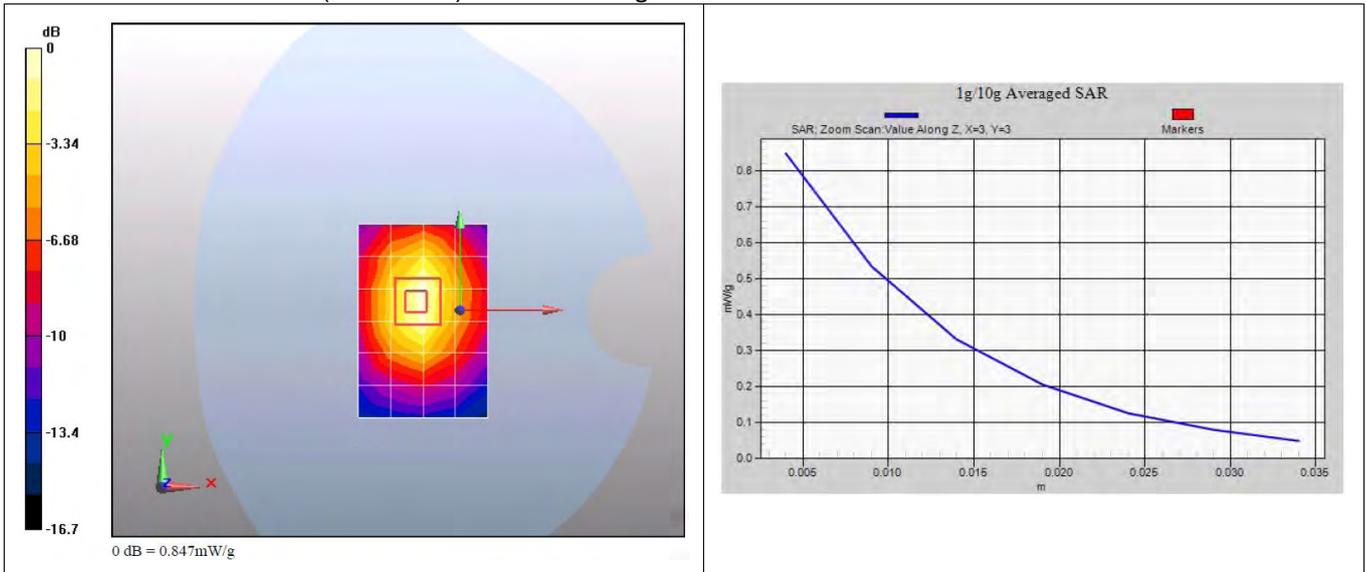
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.5 V/m; Power Drift = -0.015 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.764 mW/g; SAR(10 g) = 0.425 mW/g

Maximum value of SAR (measured) = 0.847 mW/g



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

Date/Time: 5/10/2011 8:16:15, Date/Time: 5/10/2011 8:24:48

Test Laboratory: Huawei GCTC Lab

U8500-6 GSM1900 GPRS 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

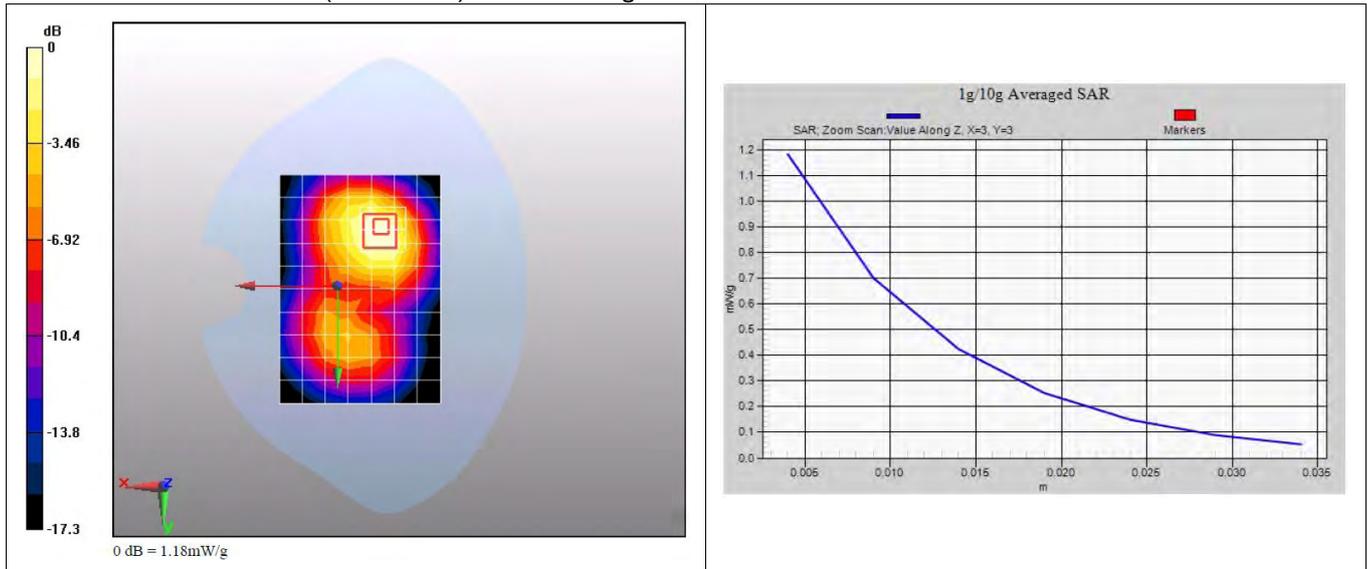
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.2 V/m; Power Drift = 0.053 dB

Peak SAR (extrapolated) = 1.84 W/kg

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.645 mW/g

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



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

Date/Time: 5/10/2011 8:43:12, Date/Time: 5/10/2011 8:51:40

Test Laboratory: Huawei GCTC Lab

U8500-6 GSM1900 GPRS 2TS 512CH Towards ground 10mm

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

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 1850.2 MHz

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

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

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

Maximum value of SAR (measured) = 0.848 mW/g

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

Reference Value = 11.7 V/m; Power Drift = 0.064 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.871 mW/g; SAR(10 g) = 0.516 mW/g

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

Maximum value of SAR (measured) = 0.948 mW/g

