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Date/Time: 4/23/2011 7:57:20, Date/Time: 4/23/2011 8:06:35
Test Laboratory: Huawei GCTC Lab
U8500-6 GSM850 GPRS 2TS 128CH Towards phantom 10mm
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; σ = 0.946 mho/m; ε_r = 53.4; ρ = 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/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.513 mW/g
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
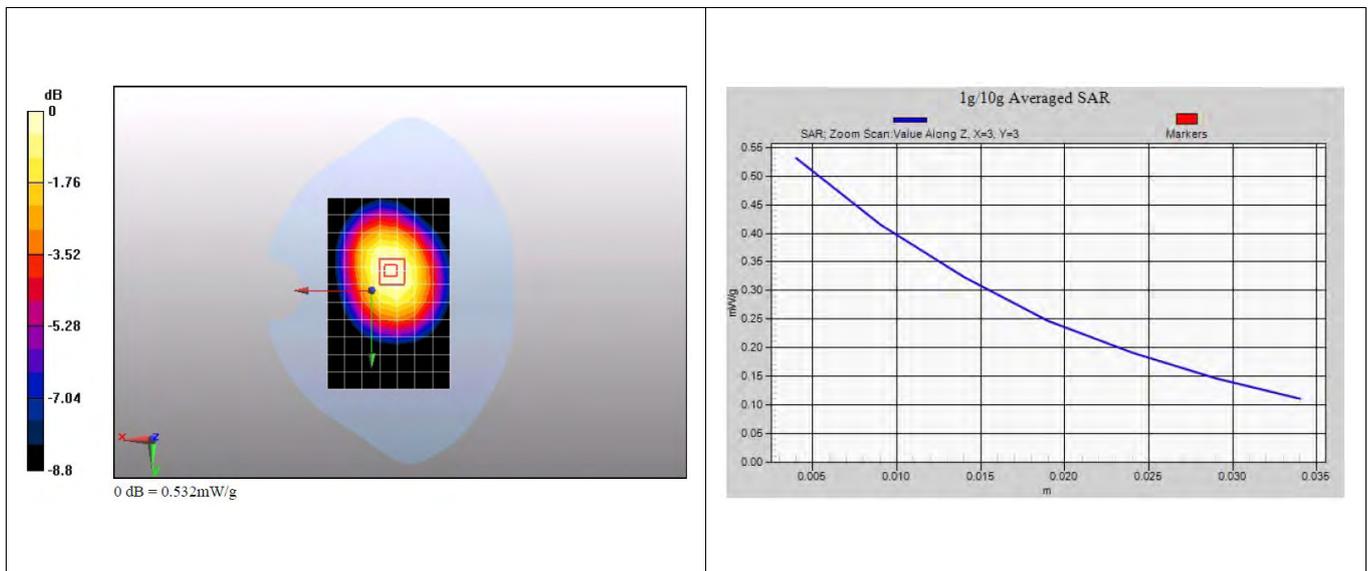Reference Value = 22.9 V/m; Power Drift = -0.040 dB
Peak SAR (extrapolated) = 0.631 W/kg
SAR(1 g) = 0.504 mW/g; SAR(10 g) = 0.380 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.532 mW/g

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Date/Time: 4/22/2011 23:39:23, Date/Time: 4/22/2011 23:48:38
Test Laboratory: Huawei GCTC Lab
U8500-6 GSM850 EGPRS 2TS 190CH Towards ground 10mm
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; σ = 0.959 mho/m; ε_r = 53.3; ρ = 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/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
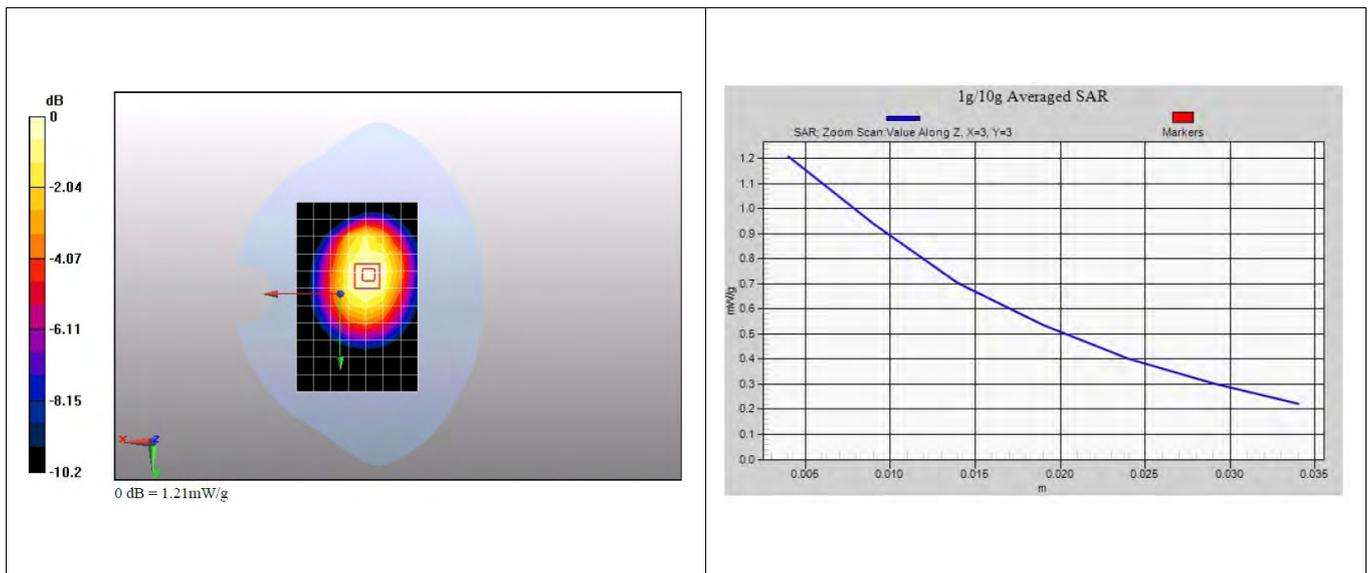Maximum value of SAR (measured) = 1.22 mW/g
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 33.4 V/m; Power Drift = -0.056 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.840 mW/g
Maximum value of SAR (measured) = 1.21 mW/g

Annex 1.7   WCDMA 1900 MHz Head

Date/Time: 3/12/2011 3:59:04 AM, Date/Time: 3/12/2011 4:07:22 AM
U8500-6 WCDMA1900 9400CH Left hand touch cheek
DUT: U8500-6; Type: Mobile phone; Serial: K2M7NA1111000127
Communication System: HW -UMTS-FDD; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.38 mho/m; ε_r = 39.4; ρ = 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
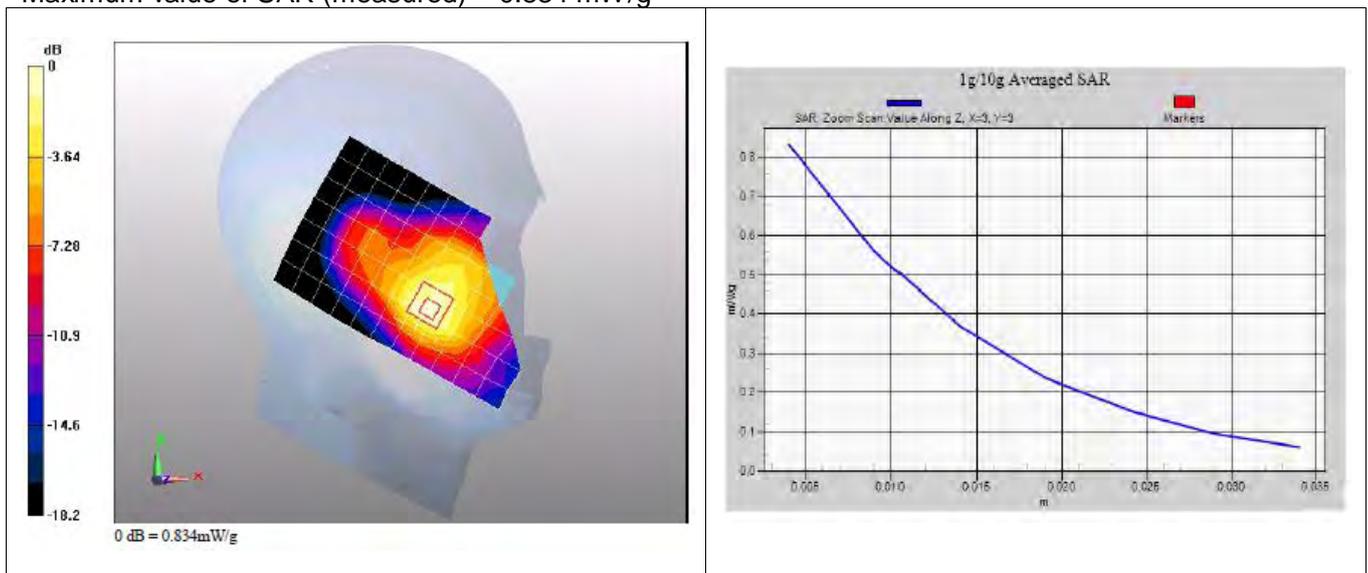Maximum value of SAR (measured) = 0.737 mW/g
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.64 V/m; Power Drift = 0.016 dB
Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.754 mW/g; SAR(10 g) = 0.456 mW/g
Maximum value of SAR (measured) = 0.834 mW/g

0 dB = 0.834mW/g

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Date/Time: 3/12/2011 4:23:24 AM, Date/Time: 3/12/2011 4:31:42 AM
U8500-6 WCDMA1900 9400CH Left hand tilt 15 degree
DUT: U8500-6; Type: Mobile phone; Serial: K2M7NA1111000127
Communication System: HW -UMTS-FDD; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.38 mho/m; ε_r = 39.4; ρ = 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
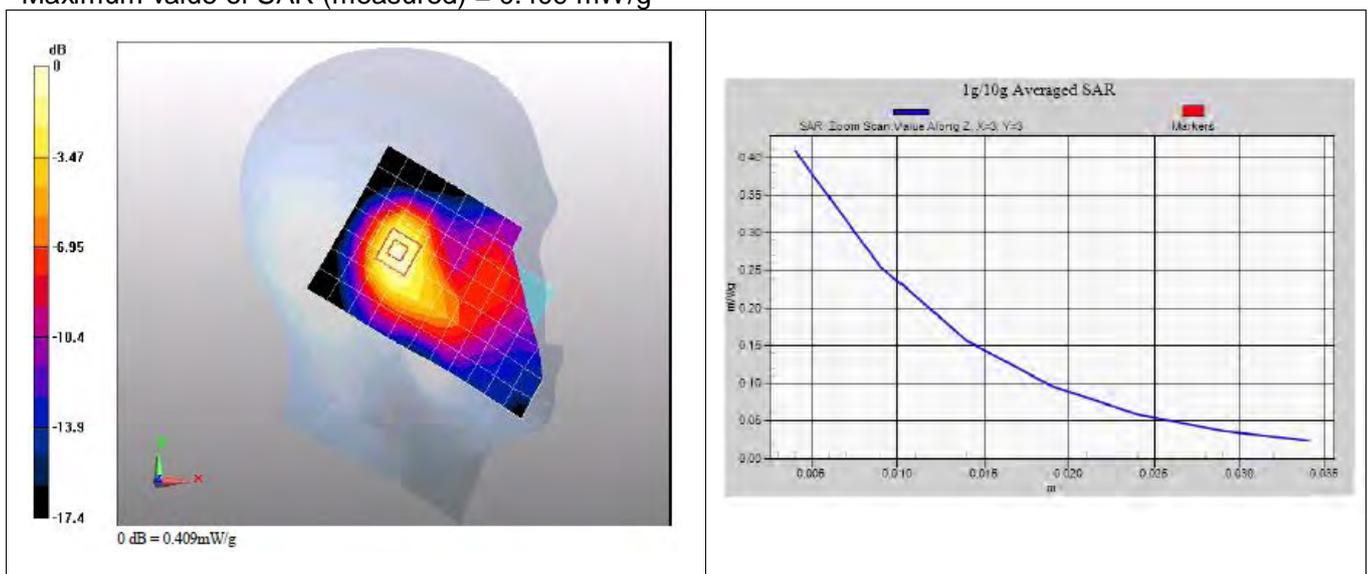Maximum value of SAR (measured) = 0.347 mW/g
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16 V/m; Power Drift = -0.025 dB
Peak SAR (extrapolated) = 0.599 W/kg
SAR(1 g) = 0.374 mW/g; SAR(10 g) = 0.217 mW/g
Maximum value of SAR (measured) = 0.409 mW/g

Date/Time: 3/12/2011 4:54:25 AM, Date/Time: 3/12/2011 5:02:22 AM, Date/Time: 3/12/2011 5:14:34 AM
U8500-6 WCDMA1900 9400CH Right hand touch cheek
DUT: U8500-6; Type: Mobile phone; Serial: K2M7NA1111000127
Communication System: HW -UMTS-FDD; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.38 mho/m; ε_r = 39.4; ρ = 1000 kg/m3
Phantom section: Right 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) = 0.637 mW/g
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.86 V/m; Power Drift = -0.040 dB
Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.657 mW/g; SAR(10 g) = 0.383 mW/g
Maximum value of SAR (measured) = 0.725 mW/g
Configuration/Head/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.86 V/m; Power Drift = -0.040 dB
Peak SAR (extrapolated) = 0.796 W/kg
SAR(1 g) = 0.505 mW/g; SAR(10 g) = 0.320 mW/g
Maximum value of SAR (measured) = 0.552 mW/g

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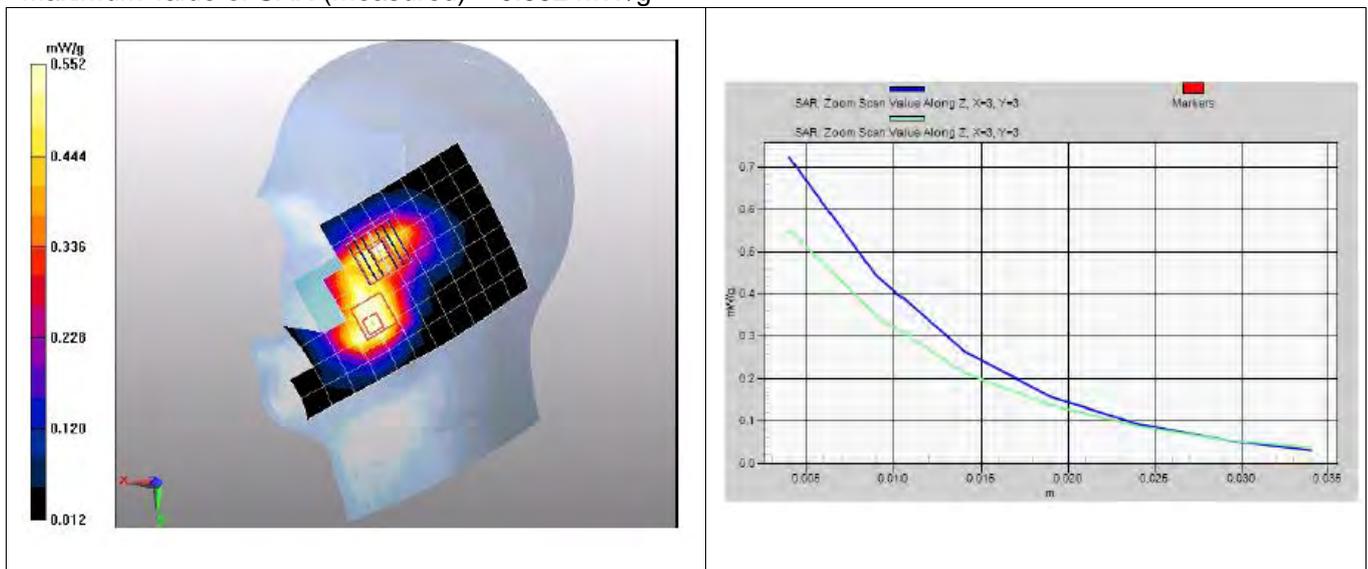
Date/Time: 3/12/2011 5:34:22 AM, Date/Time: 3/12/2011 5:42:19 AM

U8500-6 WCDMA1900 9400CH Right hand tilt 15 degree

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

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

Medium parameters used: f = 1880 MHz; σ = 1.38 mho/m; ε_r = 39.4; ρ = 1000 kg/m3

Phantom section: Right 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

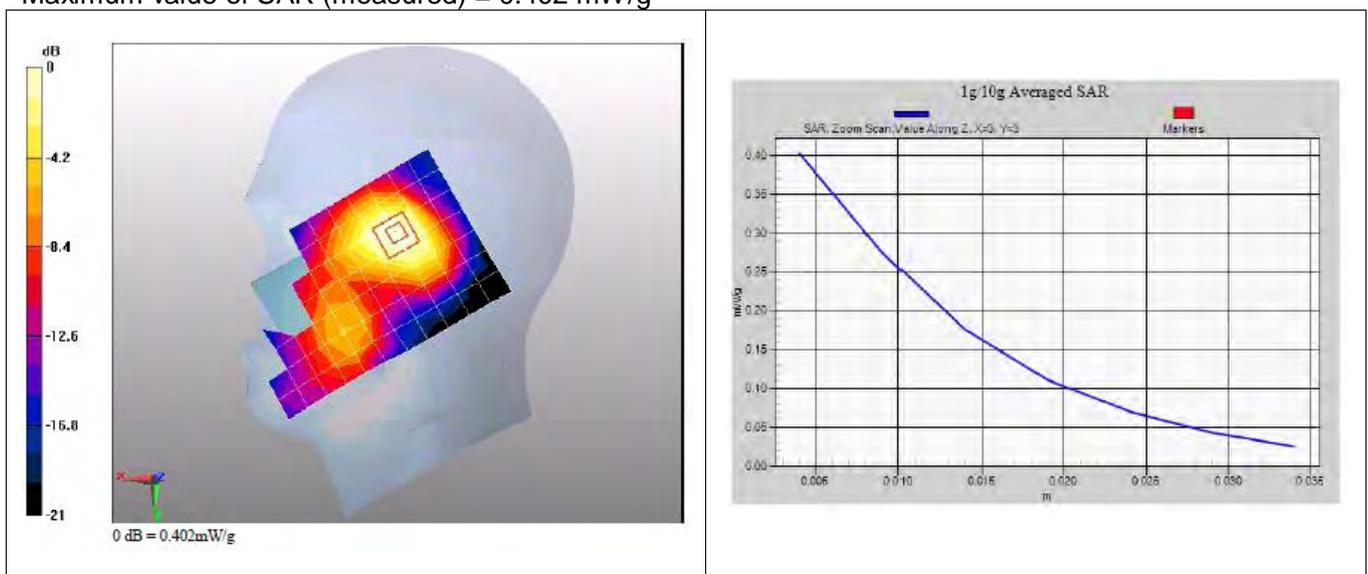Maximum value of SAR (measured) = 0.386 mW/g

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

Reference Value = 14.7 V/m; Power Drift = -0.079 dB

Peak SAR (extrapolated) = 0.550 W/kg

SAR(1 g) = 0.373 mW/g; SAR(10 g) = 0.231 mW/g

Maximum value of SAR (measured) = 0.402 mW/g

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Date/Time: 3/12/2011 6:01:47 AM, Date/Time: 3/12/2011 6:10:04 AM
U8500-6 WCDMA1900 9538CH Left hand touch cheek
DUT: U8500-6; Type: Mobile phone; Serial: K2M7NA1111000127
Communication System: HW -UMTS-FDD; Frequency: 1907.6 MHz
Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.41 mho/m; ε_r = 39.3; ρ = 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) = 0.721 mW/g
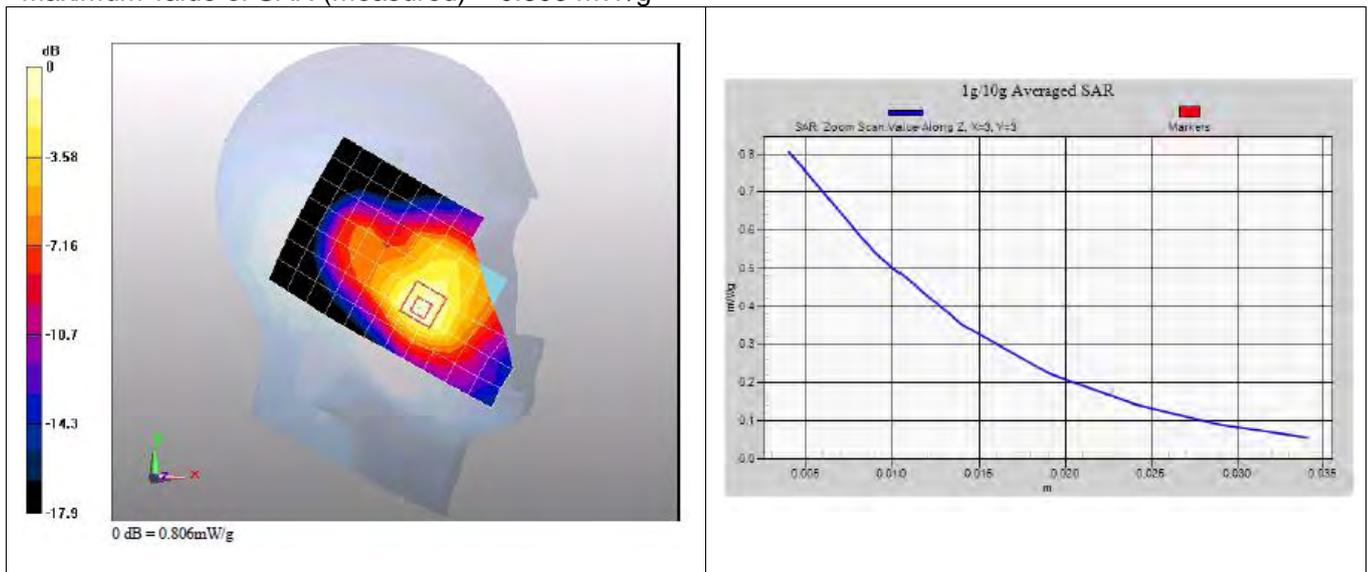**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.2 V/m; Power Drift = -0.180 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.733 mW/g; SAR(10 g) = 0.443 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.806 mW/g

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Date/Time: 3/12/2011 6:26:54 AM, Date/Time: 3/12/2011 6:35:11 AM

U8500-6 WCDMA1900 9262CH Left hand touch cheek
DUT: U8500-6; Type: Mobile phone; Serial: K2M7NA1111000127

Communication System: HW -UMTS-FDD; Frequency: 1852.4 MHz

Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.36 mho/m; ε_r = 39.5; ρ = 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) = 0.689 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
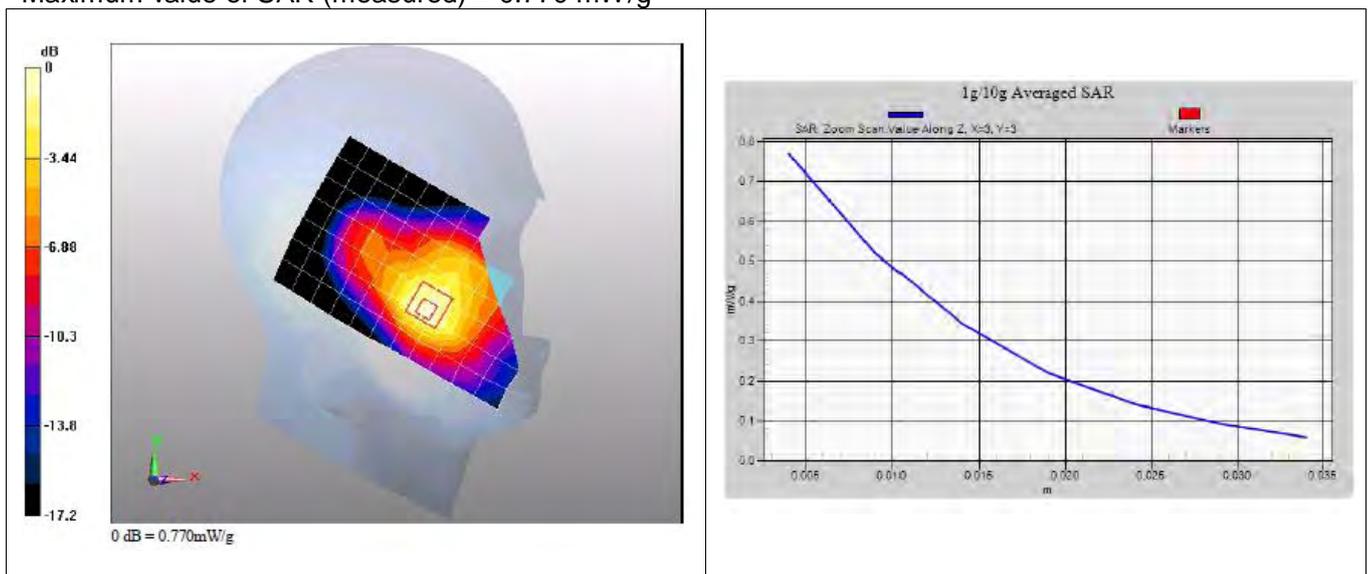
Reference Value = 8.93 V/m; Power Drift = -0.054 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.693 mW/g; SAR(10 g) = 0.419 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.770 mW/g

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Annex 1.8 WCDMA 1900 MHz Body

Date/Time: 3/10/2011 10:42:31 AM, Date/Time: 3/10/2011 10:49:45 AM
U8500-6 WCDMA1900 9400CH Towards phantom 15mm
DUT: U8500-6; Type: Mobile phone; Serial: K2M7NA1111000127
Communication System: HW -UMTS-FDD; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.47 mho/m; $ε_r$ = 51.8; ρ = 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
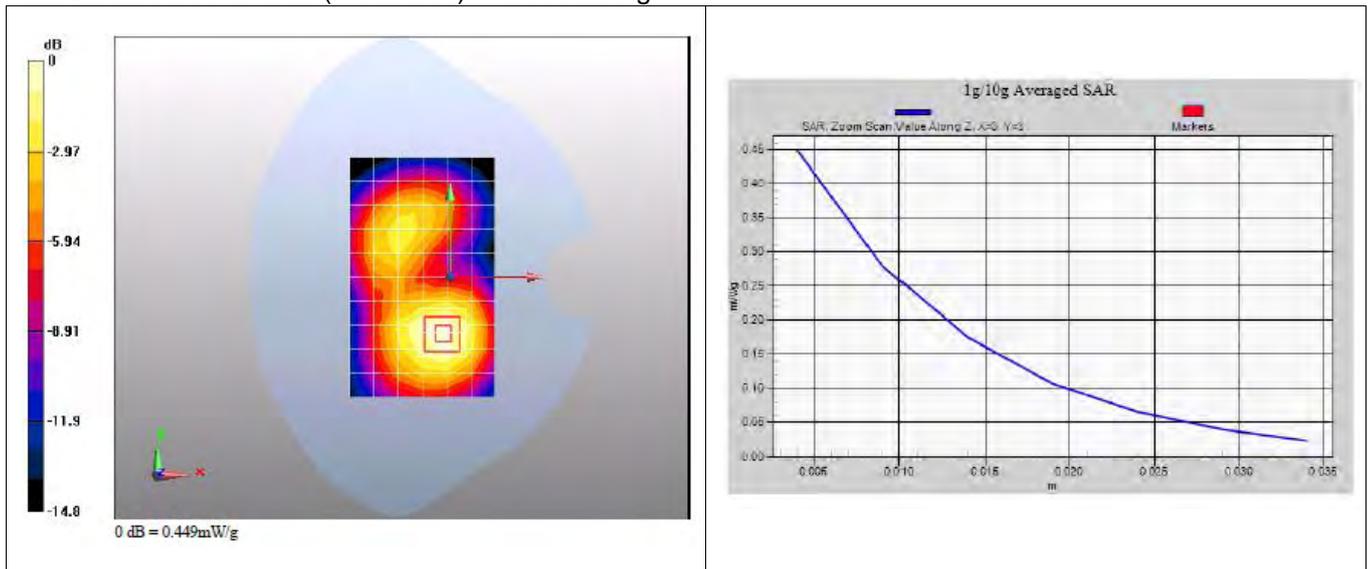Maximum value of SAR (measured) = 0.426 mW/g
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.44 V/m; Power Drift = 0.051 dB
Peak SAR (extrapolated) = 0.663 W/kg
SAR(1 g) = 0.415 mW/g; SAR(10 g) = 0.252 mW/g
Maximum value of SAR (measured) = 0.449 mW/g

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Date/Time: 3/10/2011 11:06:14 AM, Date/Time: 3/10/2011 11:13:28 AM

U8500-6 WCDMA1900 9400CH Towards ground 15mm

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

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

Medium parameters used: f = 1880 MHz; σ = 1.47 mho/m; ε_r = 51.8; ρ = 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
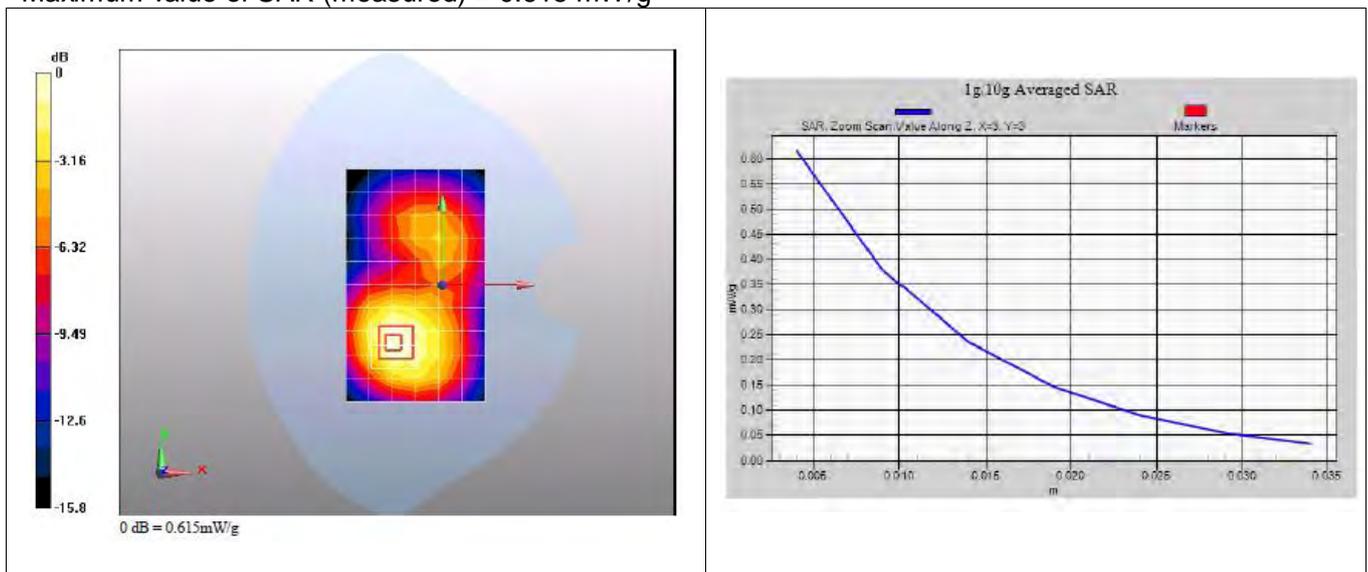
Maximum value of SAR (measured) = 0.593 mW/g

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

Reference Value = 9.35 V/m; Power Drift = -0.088 dB

Peak SAR (extrapolated) = 0.916 W/kg

SAR(1 g) = 0.570 mW/g; SAR(10 g) = 0.349 mW/g

Maximum value of SAR (measured) = 0.615 mW/g

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Date/Time: 3/10/2011 11:29:42 AM, Date/Time: 3/10/2011 11:36:56 AM

U8500-6 WCDMA1900 9538CH Towards ground 15mm

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

Communication System: HW -UMTS-FDD; Frequency: 1907.6 MHz

Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.51 mho/m; ε_r = 51.7; ρ = 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) = 0.635 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
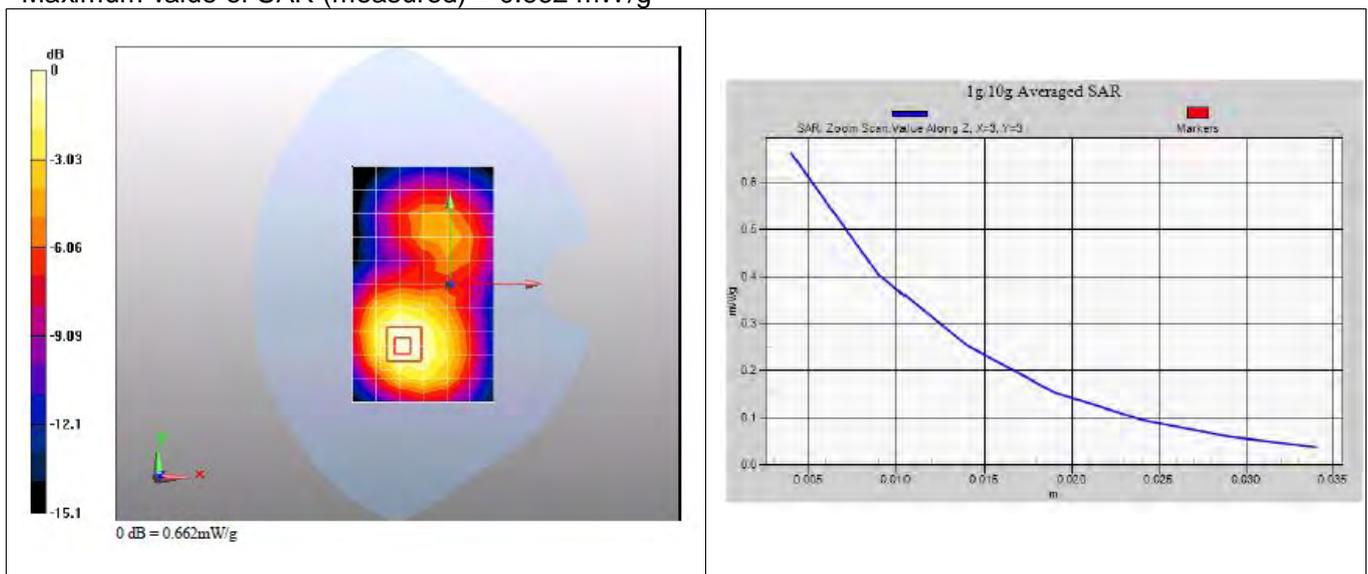
Reference Value = 9.49 V/m; Power Drift = -0.037 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.615 mW/g; SAR(10 g) = 0.377 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.662 mW/g

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Date/Time: 3/10/2011 2:05:43 PM, Date/Time: 3/10/2011 2:20:37 PM

U8500-6 WCDMA1900 9262CH Towards ground 15mm

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

Communication System: HW -UMTS-FDD; Frequency: 1852.4 MHz

Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.45 mho/m; ε_r = 51.9; ρ = 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

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.513 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
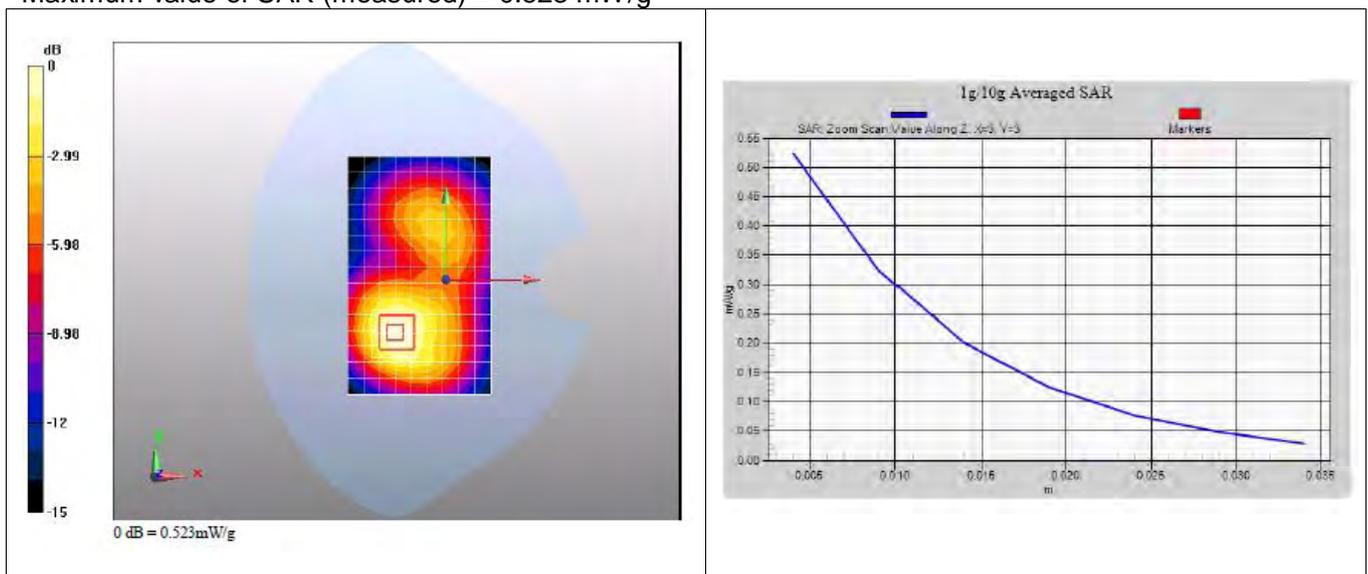
Reference Value = 9.6 V/m; Power Drift = -0.042 dB

Peak SAR (extrapolated) = 0.774 W/kg

SAR(1 g) = 0.479 mW/g; SAR(10 g) = 0.291 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.523 mW/g

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Date/Time: 3/10/2011 2:53:11 PM, Date/Time: 3/10/2011 3:08:06 PM
U8500-6 WCDMA1900 9538CH Towards ground 15mm with Headset
DUT: U8500-6; Type: Mobile phone; Serial: K2M7NA1111000127
Communication System: HW -UMTS-FDD; Frequency: 1907.6 MHz
Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.51 mho/m; εr = 51.7; ρ = 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
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.578 mW/g
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
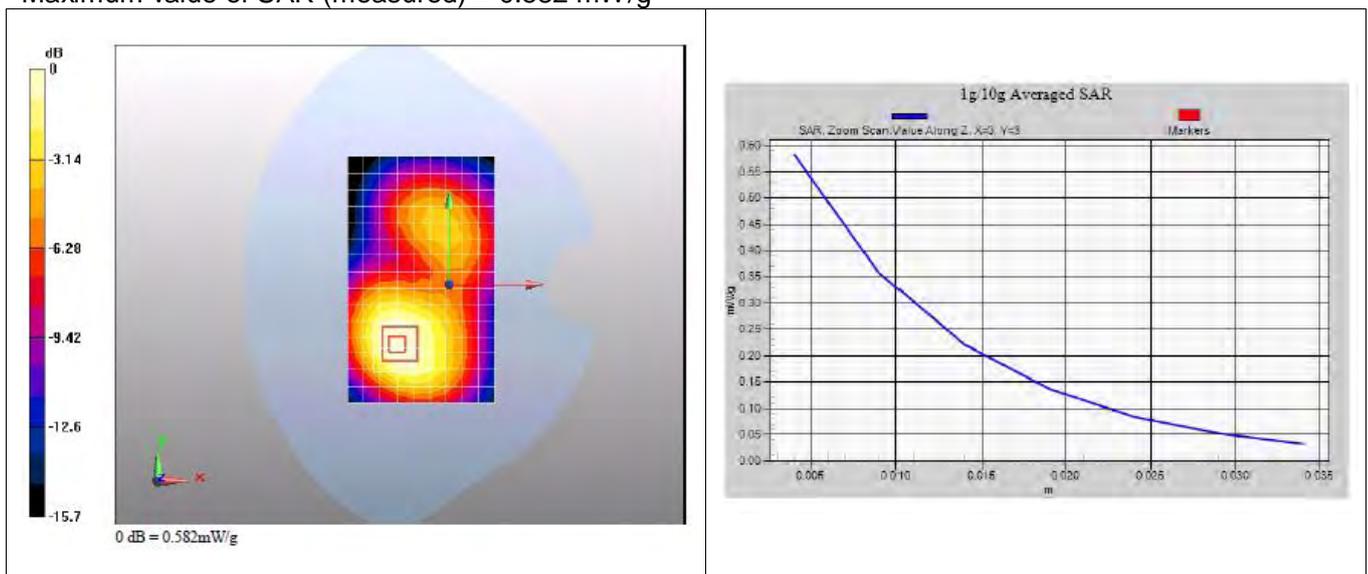Reference Value = 9.6 V/m; Power Drift = -0.042 dB
Peak SAR (extrapolated) = 0.880 W/kg
SAR(1 g) = 0.542 mW/g; SAR(10 g) = 0.333 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.582 mW/g

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Date/Time: 3/10/2011 4:01:25 PM, Date/Time: 3/10/2011 4:16:20 PM

U8500-6 WCDMA1900 9538CH Towards ground 15mm with Bluetooth Headset
DUT: U8500-6; Type: Mobile phone; Serial: K2M7NA1111000127

Communication System: HW -UMTS-FDD; Frequency: 1907.6 MHz

Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.51 mho/m; ε_r = 51.7; ρ = 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

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.628 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
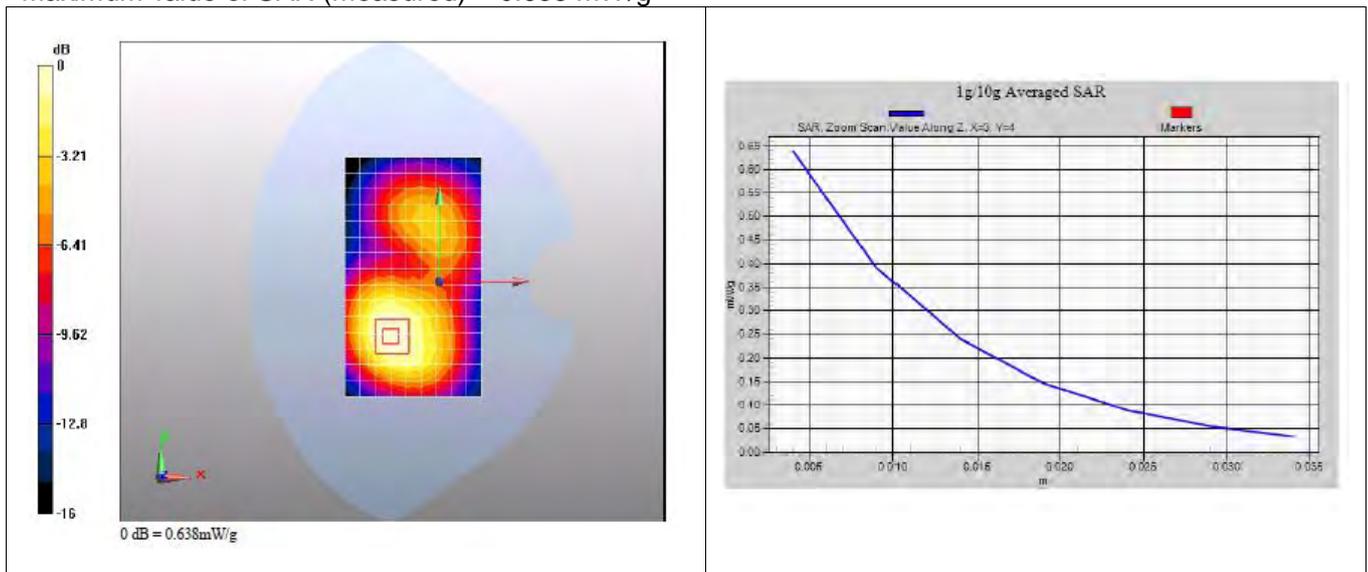
Reference Value = 10.1 V/m; Power Drift = 0.037 dB

Peak SAR (extrapolated) = 0.966 W/kg

SAR(1 g) = 0.596 mW/g; SAR(10 g) = 0.364 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.638 mW/g

Date/Time: 3/10/2011 4:57:33 PM, Date/Time: 3/10/2011 5:06:34 PM

U8500-6 WCDMA1900 9538CH Towards ground 15mm with HSDPA

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

Communication System: HW -UMTS-FDD; Frequency: 1907.6 MHz

Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.52 mho/m; ε_r = 51; ρ = 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/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.613 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
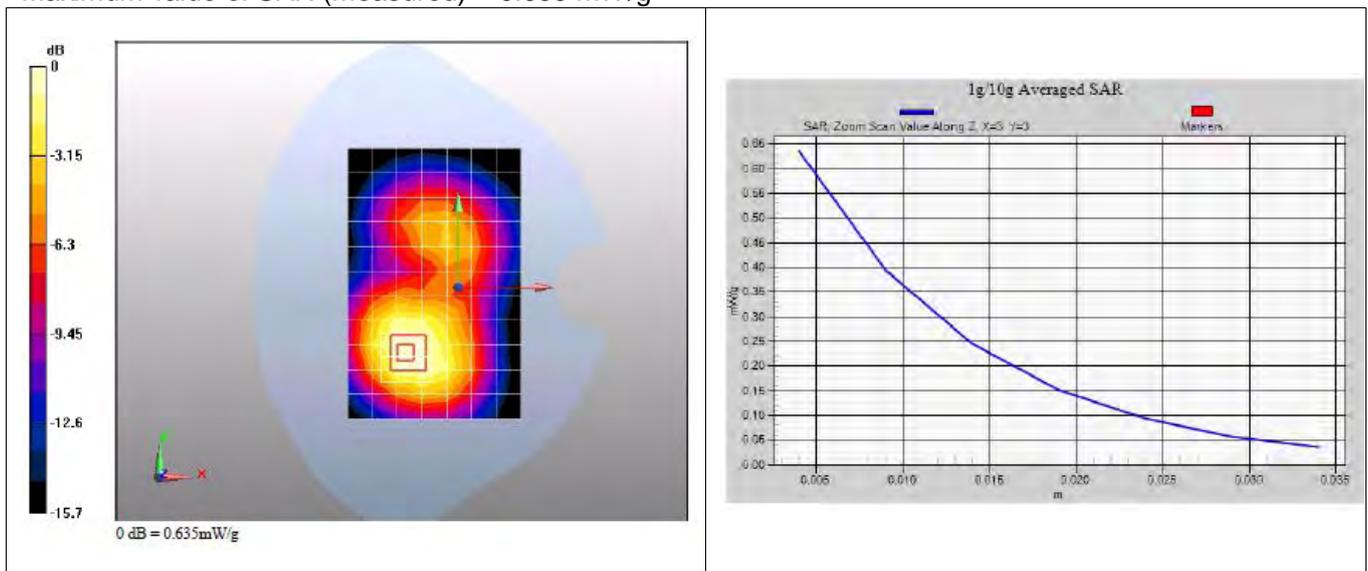
Reference Value = 9.48 V/m; Power Drift = -0.125 dB

Peak SAR (extrapolated) = 0.970 W/kg

SAR(1 g) = 0.595 mW/g; SAR(10 g) = 0.367 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.635 mW/g

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Annex 1.9　　WCDMA 1900 MHz Hotspot

Date/Time: 4/23/2011 16:18:50, Date/Time: 4/23/2011 16:27:18
Test Laboratory: Huawei GCTC Lab
U8500-6 WCDMA1900 9400CH Towards phantom 10mm
DUT: U8500-6; Type: Mobile phone; Serial: K2M7NA1111000127
Communication System: HW -UMTS-FDD; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.51 mho/m; ε_r = 54; ρ = 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
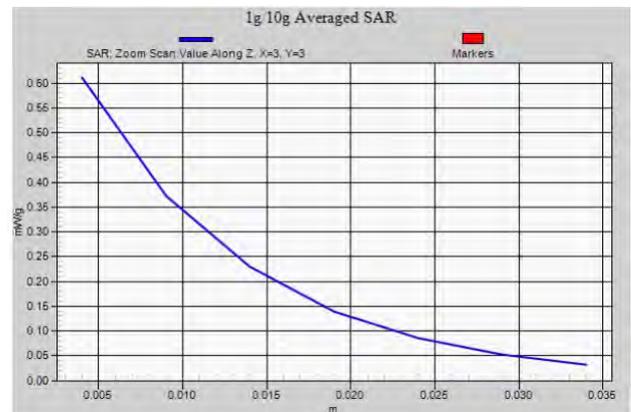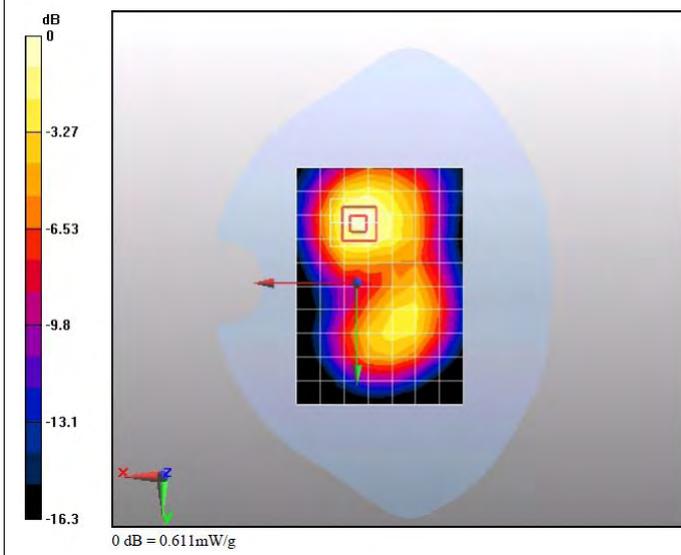Maximum value of SAR (measured) = 0.535 mW/g
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.79 V/m; Power Drift = 0.085 dB
Peak SAR (extrapolated) = 0.921 W/kg
SAR(1 g) = 0.563 mW/g; SAR(10 g) = 0.334 mW/g
Maximum value of SAR (measured) = 0.611 mW/g

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Date/Time: 4/23/2011 16:50:39, Date/Time: 4/23/2011 16:59:11
Test Laboratory: Huawei GCTC Lab
U8500-6 WCDMA1900 9400CH Towards Ground 10mm
DUT: U8500-6; Type: Mobile phone; Serial: K2M7NA1111000127
Communication System: HW -UMTS-FDD; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.51 mho/m; εr = 54; ρ = 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
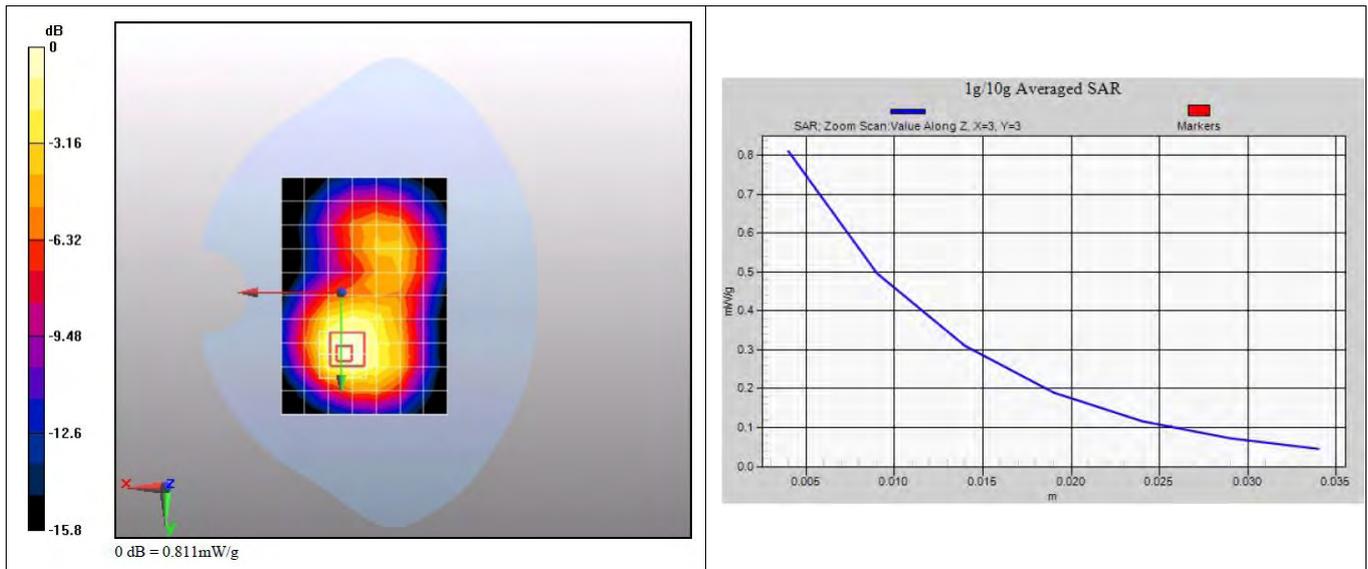Maximum value of SAR (measured) = 0.765 mW/g
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.4 V/m; Power Drift = 0.020 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.749 mW/g; SAR(10 g) = 0.457 mW/g
Maximum value of SAR (measured) = 0.811 mW/g

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Date/Time: 4/23/2011 17:27:20, Date/Time: 4/23/2011 17:34:57
Test Laboratory: Huawei GCTC Lab
U8500-6 WCDMA1900 9400CH Left edge 10mm
DUT: U8500-6; Type: Mobile phone; Serial: K2M7NA1111000127
Communication System: HW -UMTS-FDD; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.51 mho/m; $ε_r$ = 54; ρ = 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
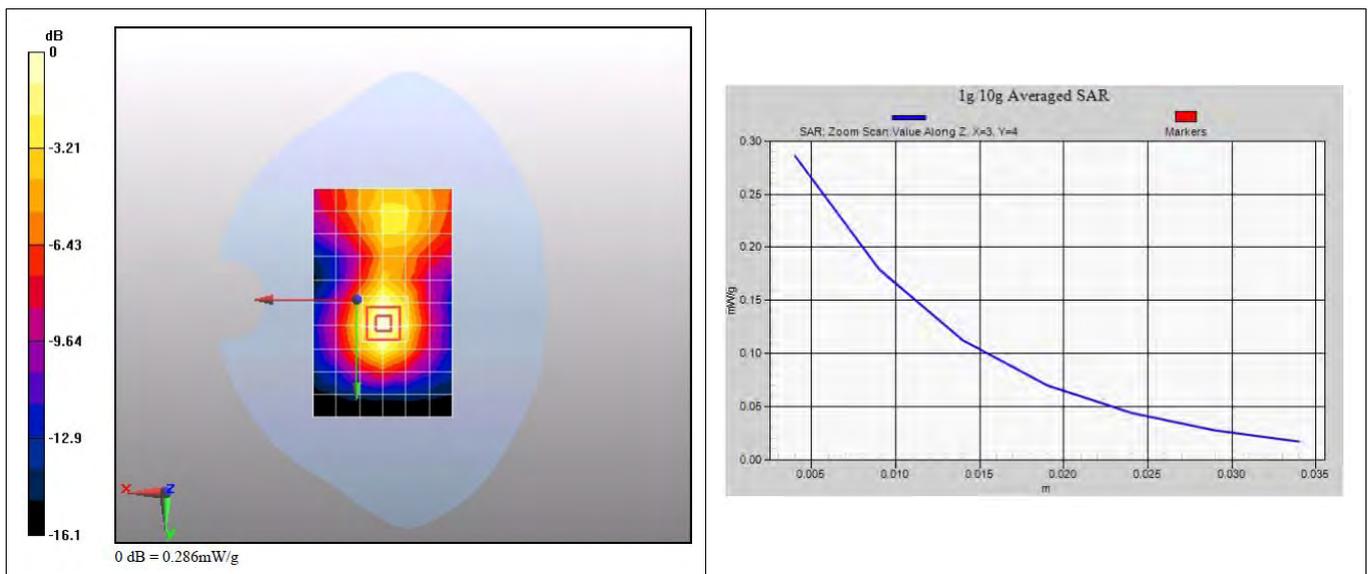Maximum value of SAR (measured) = 0.288 mW/g
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.2 V/m; Power Drift = 0.041 dB
Peak SAR (extrapolated) = 0.425 W/kg
SAR(1 g) = 0.262 mW/g; SAR(10 g) = 0.153 mW/g
Maximum value of SAR (measured) = 0.286 mW/g

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Date/Time: 4/23/2011 17:55:03, Date/Time: 4/23/2011 18:02:29
Test Laboratory: Huawei GCTC Lab
U8500-6 WCDMA1900 9400CH Right edge 10mm
DUT: U8500-6; Type: Mobile phone; Serial: K2M7NA1111000127
Communication System: HW -UMTS-FDD; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.51 mho/m; εr = 54; ρ = 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
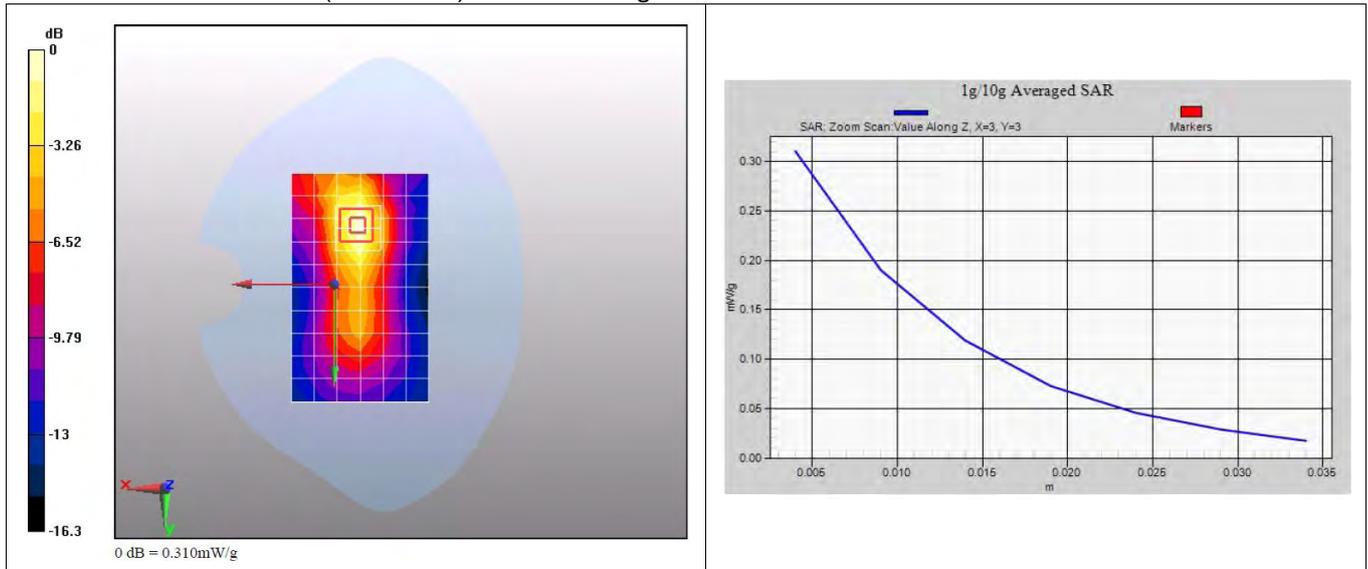Maximum value of SAR (measured) = 0.301 mW/g
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.85 V/m; Power Drift = -0.00767 dB
Peak SAR (extrapolated) = 0.468 W/kg
SAR(1 g) = 0.281 mW/g; SAR(10 g) = 0.159 mW/g
Maximum value of SAR (measured) = 0.310 mW/g

Date/Time: 4/23/2011 22:29:49, Date/Time: 4/23/2011 22:33:13
Test Laboratory: Huawei GCTC Lab
U8500-6 WCDMA1900 9400CH Bottom side 10mm
DUT: U8500-6; Type: Mobile phone; Serial: K2M7NA1111000127
Communication System: HW -UMTS-FDD; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.51 mho/m; ε$_r$ = 54; ρ = 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
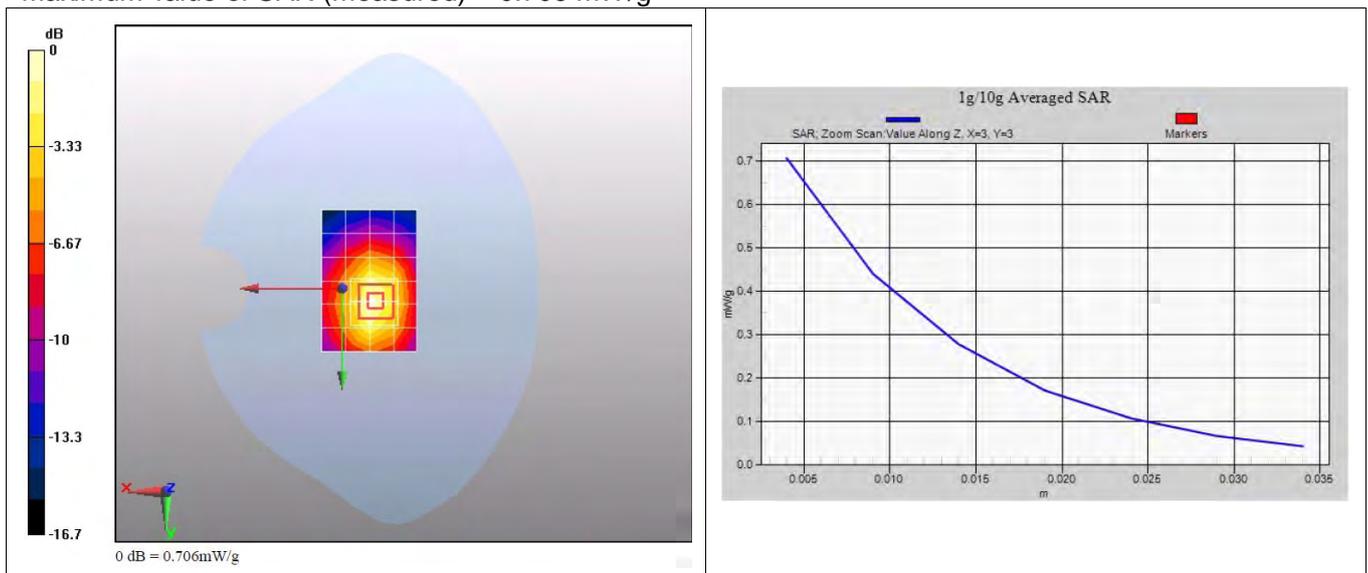Maximum value of SAR (measured) = 0.663 mW/g
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20 V/m; Power Drift = -0.087 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.631 mW/g; SAR(10 g) = 0.352 mW/g
Maximum value of SAR (measured) = 0.706 mW/g

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Date/Time: 4/23/2011 21:09:15, Date/Time: 4/23/2011 21:17:43
Test Laboratory: Huawei GCTC Lab
U8500-6 WCDMA1900 9538CH Towards Ground 10mm
DUT: U8500-6; Type: Mobile phone; Serial: K2M7NA1111000127
Communication System: HW -UMTS-FDD; Frequency: 1907.6 MHz
Medium parameters used: f = 1908 MHz; σ = 1.54 mho/m; εr = 53.9; ρ = 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
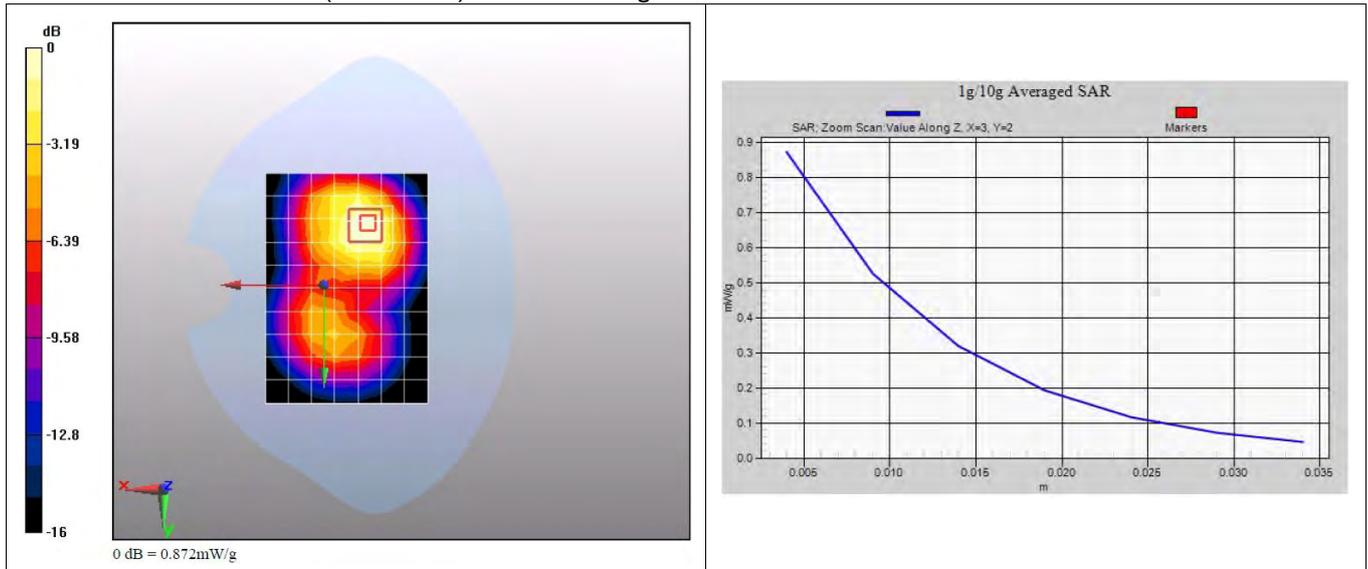Maximum value of SAR (measured) = 0.793 mW/g
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.9 V/m; Power Drift = 0.025 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.807 mW/g; SAR(10 g) = 0.485 mW/g
Maximum value of SAR (measured) = 0.872 mW/g

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Date/Time: 4/23/2011 21:32:43, Date/Time: 4/23/2011 21:41:10
Test Laboratory: Huawei GCTC Lab

U8500-6 WCDMA1900 9262CH Towards Ground 10mm

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

Communication System: HW -UMTS-FDD; Frequency: 1852.4 MHz
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.48 mho/m; εr = 54; ρ = 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

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.738 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
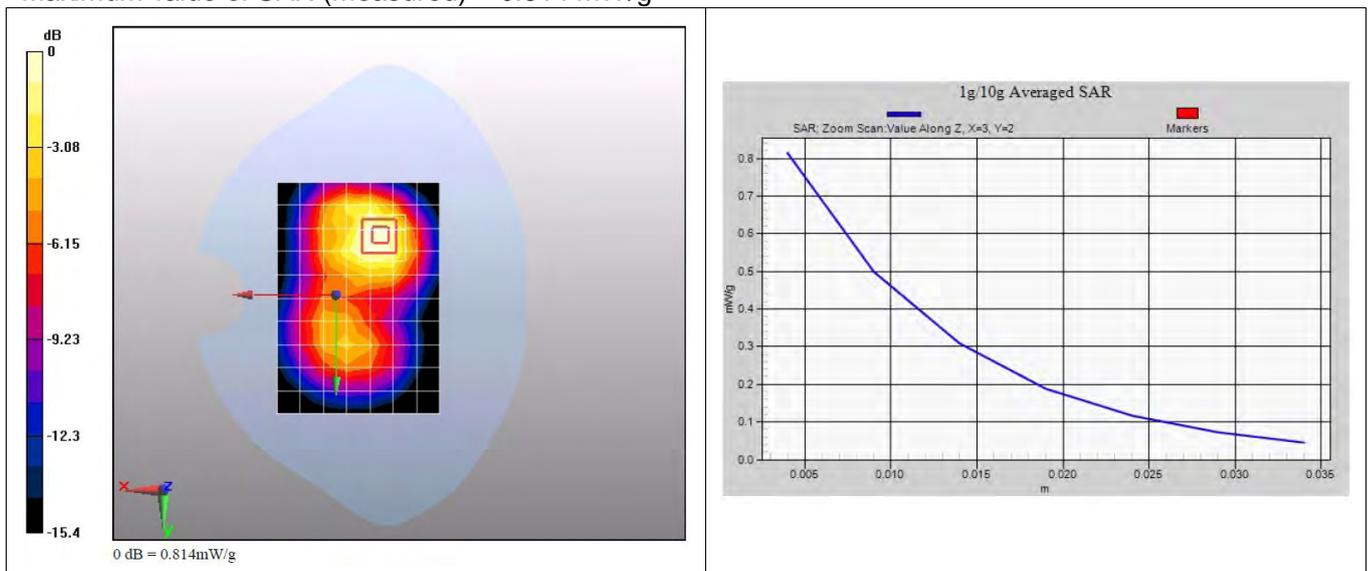
Reference Value = 10.5 V/m; Power Drift = -0.051 dB
Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.752 mW/g; SAR(10 g) = 0.452 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.814 mW/g

Date/Time: 4/23/2011 21:58:16, Date/Time: 4/23/2011 22:06:45
Test Laboratory: Huawei GCTC Lab

U8500-6 WCDMA1900 9538CH Towards Ground 10mm with HSDPA
DUT: U8500-6; Type: Mobile phone; Serial: K2M7NA1111000127
Communication System: HW -UMTS-FDD; Frequency: 1907.6 MHz
Medium parameters used: f = 1908 MHz; σ = 1.54 mho/m; ε$_r$ = 53.9; ρ = 1000 kg/m$_3$
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
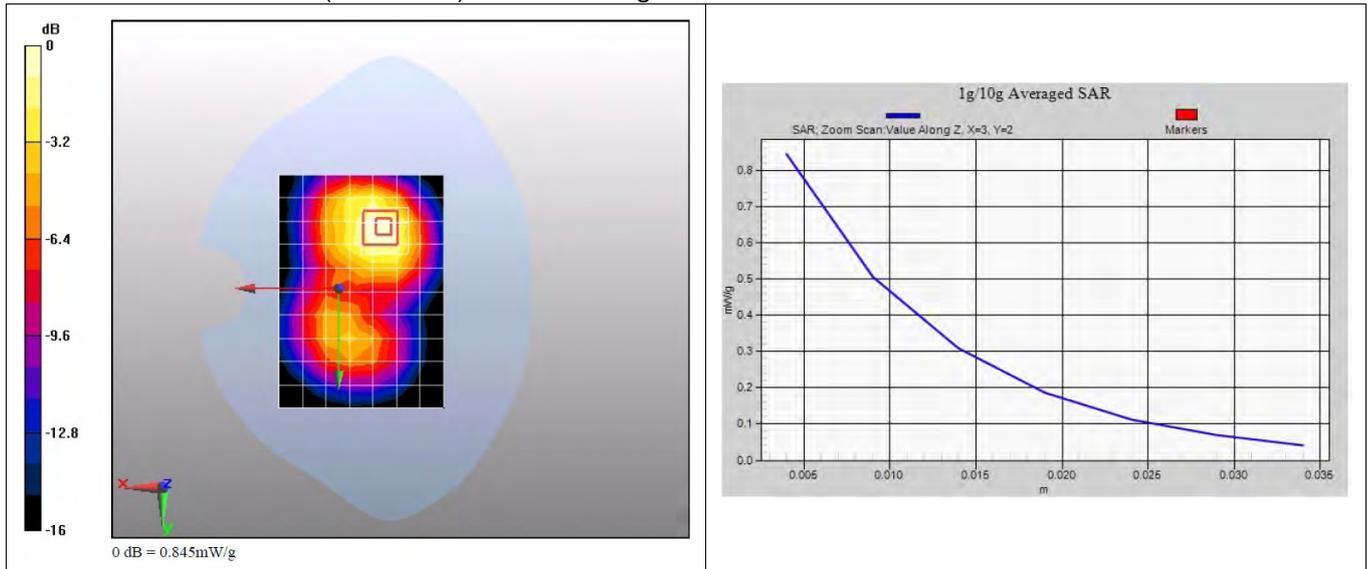Maximum value of SAR (measured) = 0.767 mW/g
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.68 V/m; Power Drift = 0.050 dB
Peak SAR (extrapolated) = 1.3 W/kg
SAR(1 g) = 0.784 mW/g; SAR(10 g) = 0.471 mW/g
Maximum value of SAR (measured) = 0.845 mW/g

Annex 1.10 WCDMA 850 MHz Head

Date/Time: 3/15/2011 4:30:44 AM, Date/Time: 3/15/2011 4:38:46 AM
U8500-6 WCDMA850 4182CH Left hand touch cheek
DUT: U8500-6; Type: Mobile phone; Serial: K2M7NA1111000127
Communication System: HW -UMTS-FDD; Frequency: 836.4 MHz
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.891 mho/m; ε_r = 42.6; ρ = 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: 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) = 0.653 mW/g
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
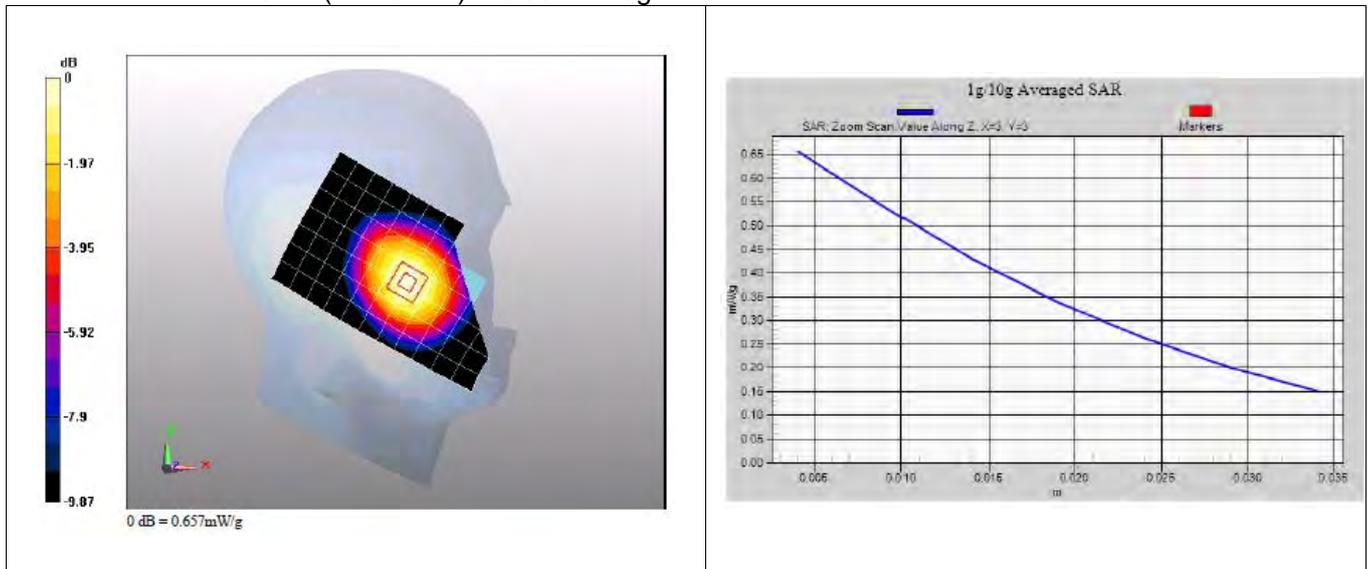Reference Value = 7.23 V/m; Power Drift = -0.174 dB
Peak SAR (extrapolated) = 0.748 W/kg
SAR(1 g) = 0.623 mW/g; SAR(10 g) = 0.469 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.657 mW/g

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Date/Time: 3/15/2011 6:12:46 AM, Date/Time: 3/15/2011 6:20:47 AM

U8500-6 WCDMA850 4182CH Left hand tilt 15 degree
DUT: U8500-6; Type: Mobile phone; Serial: K2M7NA1111000127
Communication System: HW -UMTS-FDD; Frequency: 836.4 MHz
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.891 mho/m; ε_r = 42.6; ρ = 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: 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) = 0.367 mW/g
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.2 V/m; Power Drift = 0.018 dB
Peak SAR (extrapolated) = 0.462 W/kg
SAR(1 g) = 0.375 mW/g; SAR(10 g) = 0.283 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.396 mW/g