

Test report no.: SYBH(Z-SAR)024032011-2

Date/Time: 4/13/2011 21:27:02, Date/Time: 4/13/2011 21:32:59

E372u-5 WCDMA1700 1413CH Back side 5mm

DUT: E372u-5; Type: DC-HSPA+ USB Stick; Serial: B3R7NA1112100054

Communication System: HW -UMTS-FDD; Frequency: 1732.6 MHz

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

Probe: ES3DV3 - SN3168; ConvF(4.99, 4.99, 4.99); 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 (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.963 mW/g

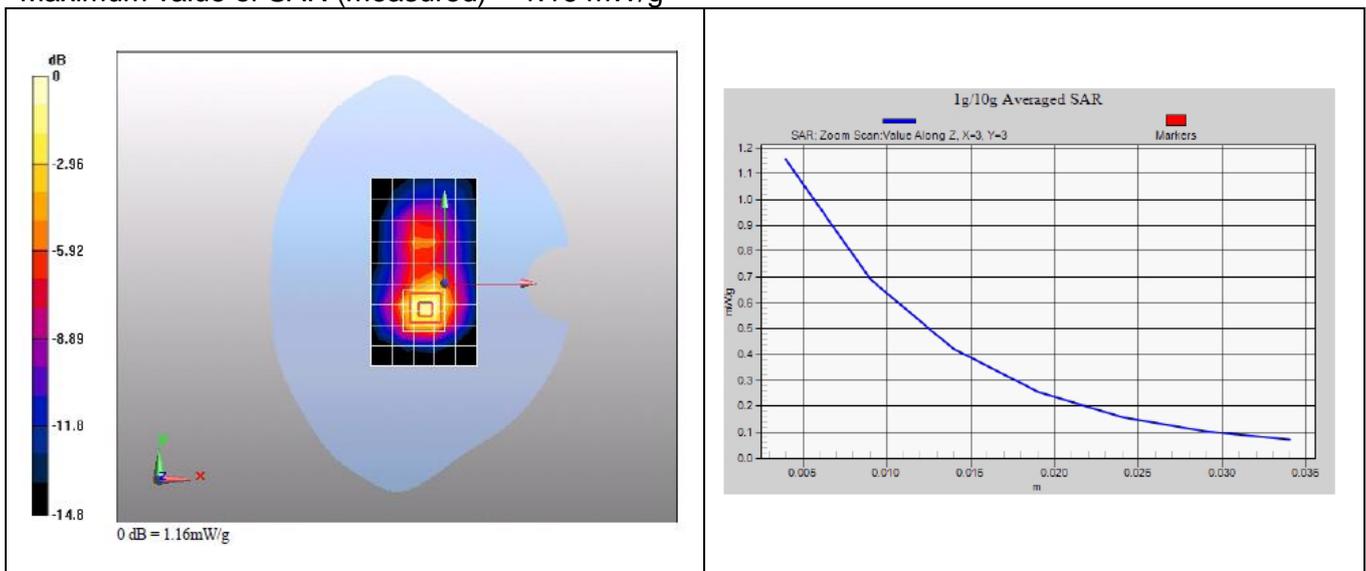
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17 V/m; Power Drift = -0.120 dB

Peak SAR (extrapolated) = 1.77 W/kg

SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.566 mW/g

Maximum value of SAR (measured) = 1.16 mW/g



Additional information:

position or distance of DUT to SAM (if not standard head positions) : 5 mm

ambient temperature: 22.0°C; liquid temperature: 21.8°C

Date/Time: 4/13/2011 22:52:57, Date/Time: 4/13/2011 22:58:55

E372u-5 WCDMA1700 1413CH Left side 5mm

DUT: E372u-5; Type: DC-HSPA+ USB Stick; Serial: B3R7NA112100054

Communication System: HW -UMTS-FDD; Frequency: 1732.6 MHz

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

Probe: ES3DV3 - SN3168; ConvF(4.99, 4.99, 4.99); 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 (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.867 mW/g

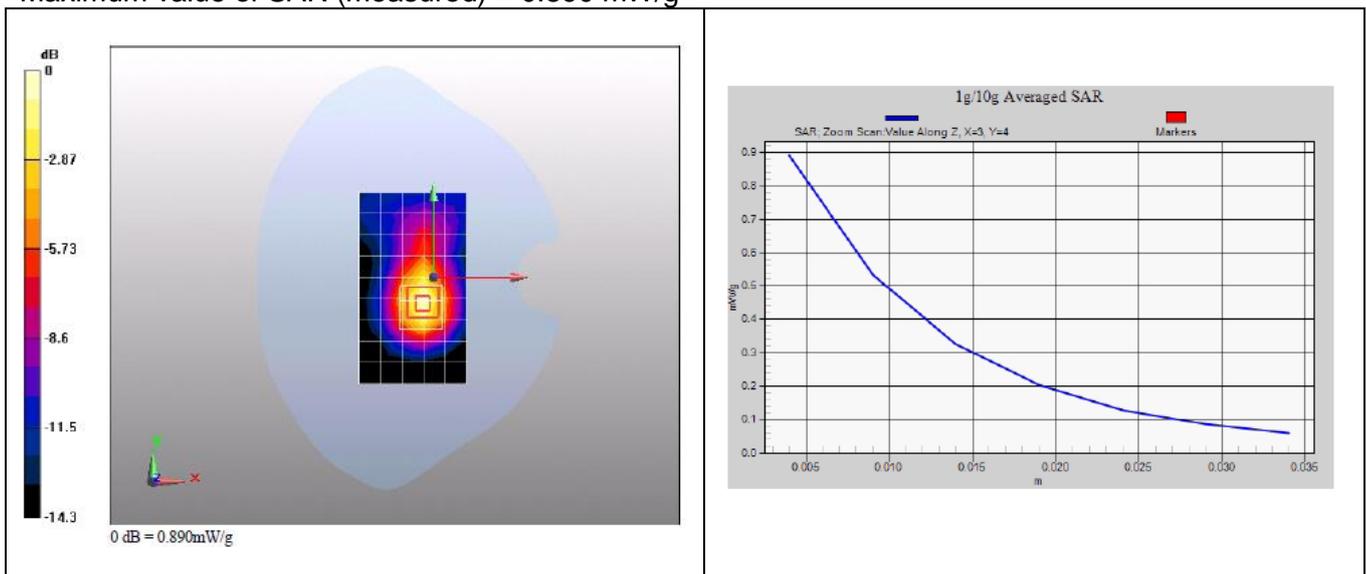
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15 V/m; Power Drift = 0.064 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.808 mW/g; SAR(10 g) = 0.445 mW/g

Maximum value of SAR (measured) = 0.890 mW/g



Additional information:

position or distance of DUT to SAM (if not standard head positions) : 5 mm

ambient temperature: 22.0°C; liquid temperature: 21.8°C

Date/Time: 4/14/2011 0:03:52, Date/Time: 4/14/2011 0:09:50

E372u-5 WCDMA1700 1413CH Right side 5mm

DUT: E372u-5; Type: DC-HSPA+ USB Stick; Serial: B3R7NA112100054

Communication System: HW -UMTS-FDD; Frequency: 1732.6 MHz

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

Probe: ES3DV3 - SN3168; ConvF(4.99, 4.99, 4.99); 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 (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.888 mW/g

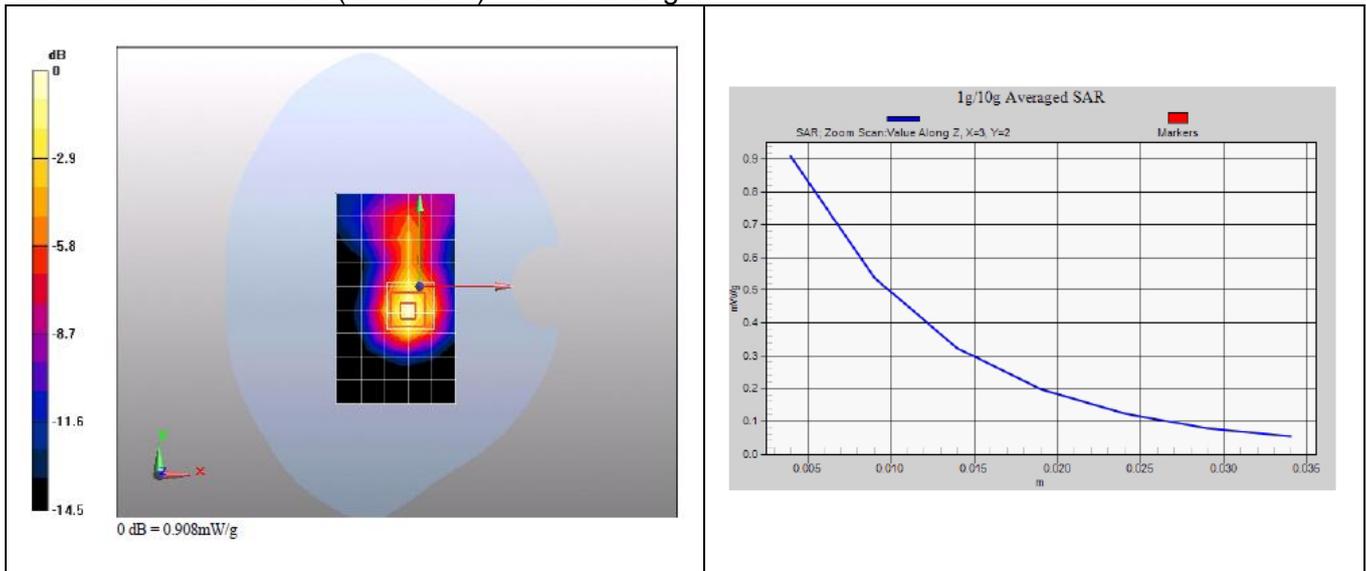
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.2 V/m; Power Drift = 0.131 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.827 mW/g; SAR(10 g) = 0.444 mW/g

Maximum value of SAR (measured) = 0.908 mW/g



Additional information:

position or distance of DUT to SAM (if not standard head positions) : 5 mm

ambient temperature: 22.0°C; liquid temperature: 21.8°C

Date/Time: 4/14/2011 2:47:17, Date/Time: 4/14/2011 2:53:15

E372u-5 WCDMA1700 1513CH Front side 5mm

DUT: E372u-5; Type: DC-HSPA+ USB Stick; Serial: B3R7NA1112100054

Communication System: HW -UMTS-FDD; Frequency: 1752.6 MHz

Medium parameters used: $f = 1753$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

Probe: ES3DV3 - SN3168; ConvF(4.99, 4.99, 4.99); 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 (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.905 mW/g

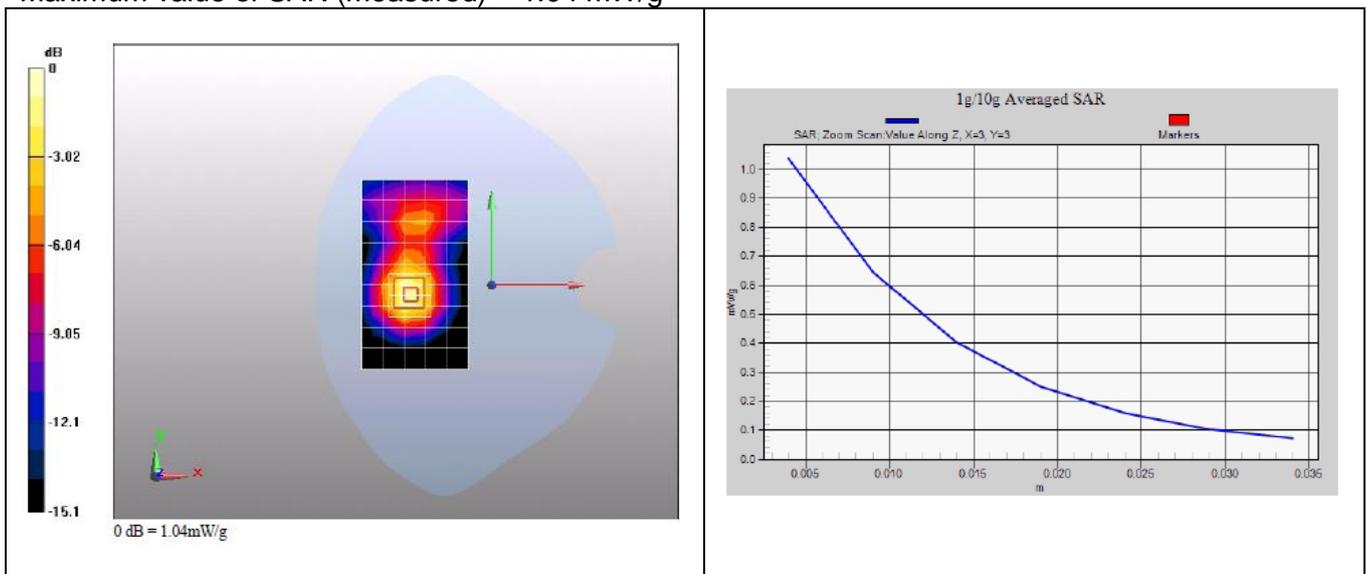
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.2 V/m; Power Drift = 0.179 dB

Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 0.936 mW/g; SAR(10 g) = 0.527 mW/g

Maximum value of SAR (measured) = 1.04 mW/g



Additional information:

position or distance of DUT to SAM (if not standard head positions) : 5 mm

ambient temperature: 22.0°C; liquid temperature: 21.8°C

Test report no.: SYBH(Z-SAR)024032011-2

Date/Time: 4/14/2011 3:17:20, Date/Time: 4/14/2011 3:23:18

E372u-5 WCDMA1700 1312CH Front side 5mm

DUT: E372u-5; Type: DC-HSPA+ USB Stick; Serial: B3R7NA1112100054

Communication System: HW -UMTS-FDD; Frequency: 1712.4 MHz

Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

Probe: ES3DV3 - SN3168; ConvF(4.99, 4.99, 4.99); 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 (6x10x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.971 mW/g

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

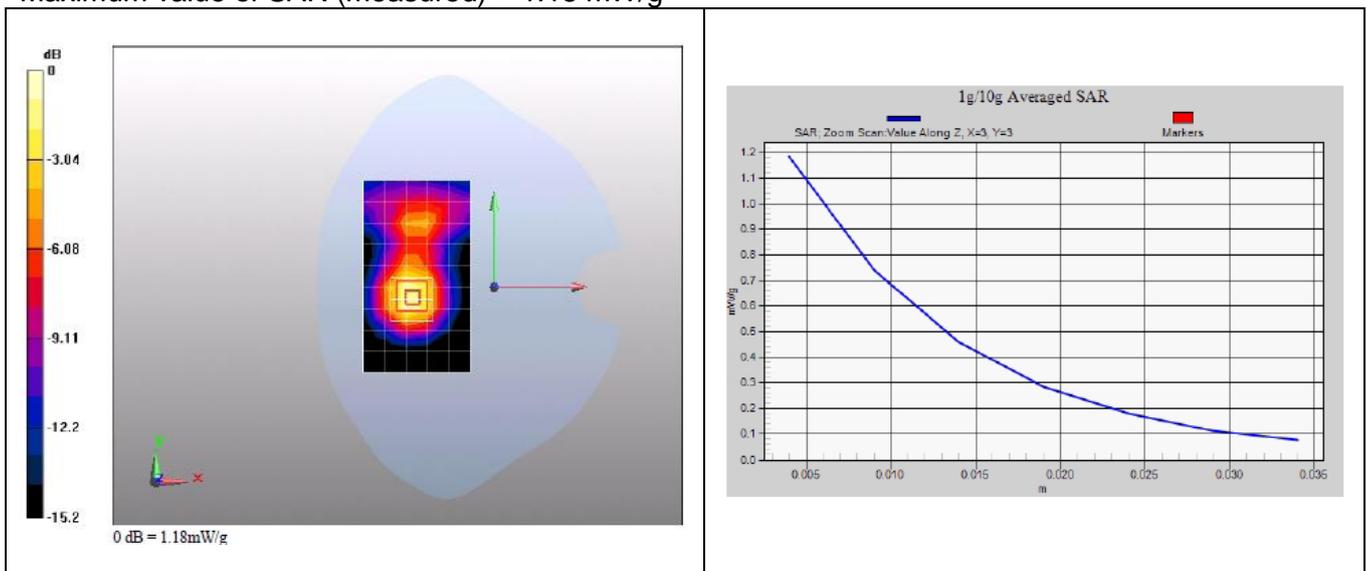
Reference Value = 4.25 V/m; Power Drift = 0.093 dB

Peak SAR (extrapolated) = 1.69 W/kg

SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.596 mW/g

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

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



Additional information:

position or distance of DUT to SAM (if not standard head positions) : 5 mm

ambient temperature: 22.0°C; liquid temperature: 21.8°C

Test report no.: SYBH(Z-SAR)024032011-2

Date/Time: 4/13/2011 21:47:56, Date/Time: 4/13/2011 21:53:53

E372u-5 WCDMA1700 1513CH Back side 5mm

DUT: E372u-5; Type: DC-HSPA+ USB Stick; Serial: B3R7NA1112100054

Communication System: HW -UMTS-FDD; Frequency: 1752.6 MHz

Medium parameters used: $f = 1753$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

Probe: ES3DV3 - SN3168; ConvF(4.99, 4.99, 4.99); 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 (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.716 mW/g

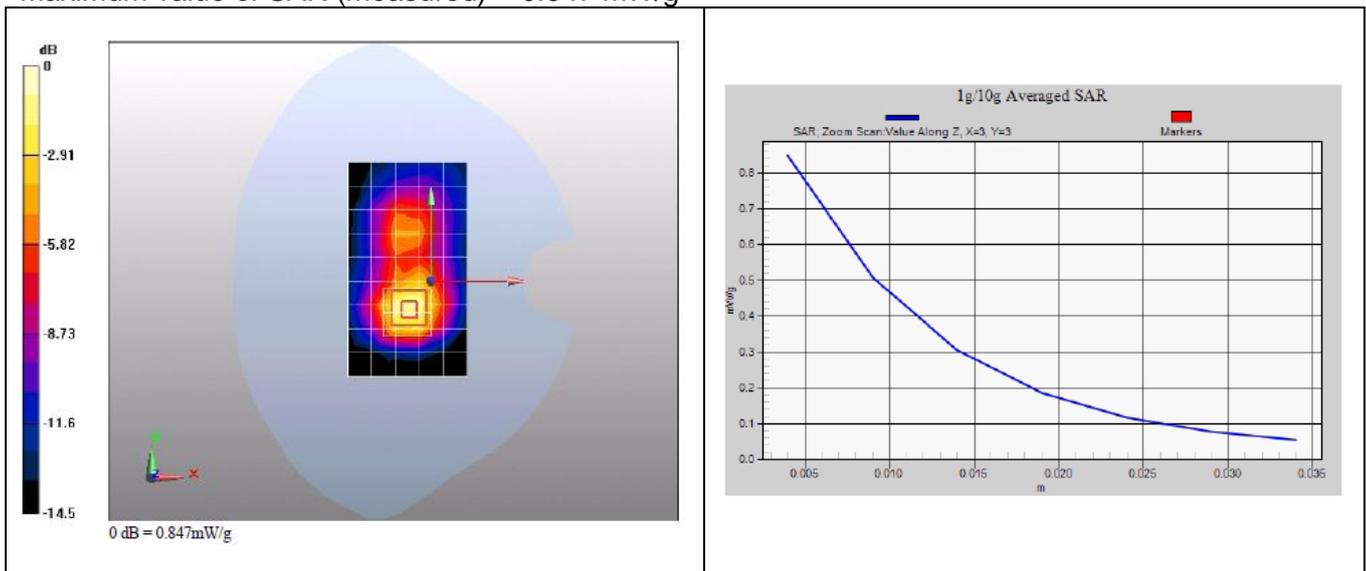
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.9 V/m; Power Drift = 0.148 dB

Peak SAR (extrapolated) = 1.3 W/kg

SAR(1 g) = 0.768 mW/g; SAR(10 g) = 0.420 mW/g

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



Additional information:

position or distance of DUT to SAM (if not standard head positions) : 5 mm

ambient temperature: 22.0°C; liquid temperature: 21.8°C

Test report no.: SYBH(Z-SAR)024032011-2

Date/Time: 4/13/2011 22:08:54, Date/Time: 4/13/2011 22:14:52

E372u-5 WCDMA1700 1312CH Back side 5mm

DUT: E372u-5; Type: DC-HSPA+ USB Stick; Serial: B3R7NA1112100054

Communication System: HW -UMTS-FDD; Frequency: 1712.4 MHz

Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

Probe: ES3DV3 - SN3168; ConvF(4.99, 4.99, 4.99); 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 (6x10x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.981 mW/g

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

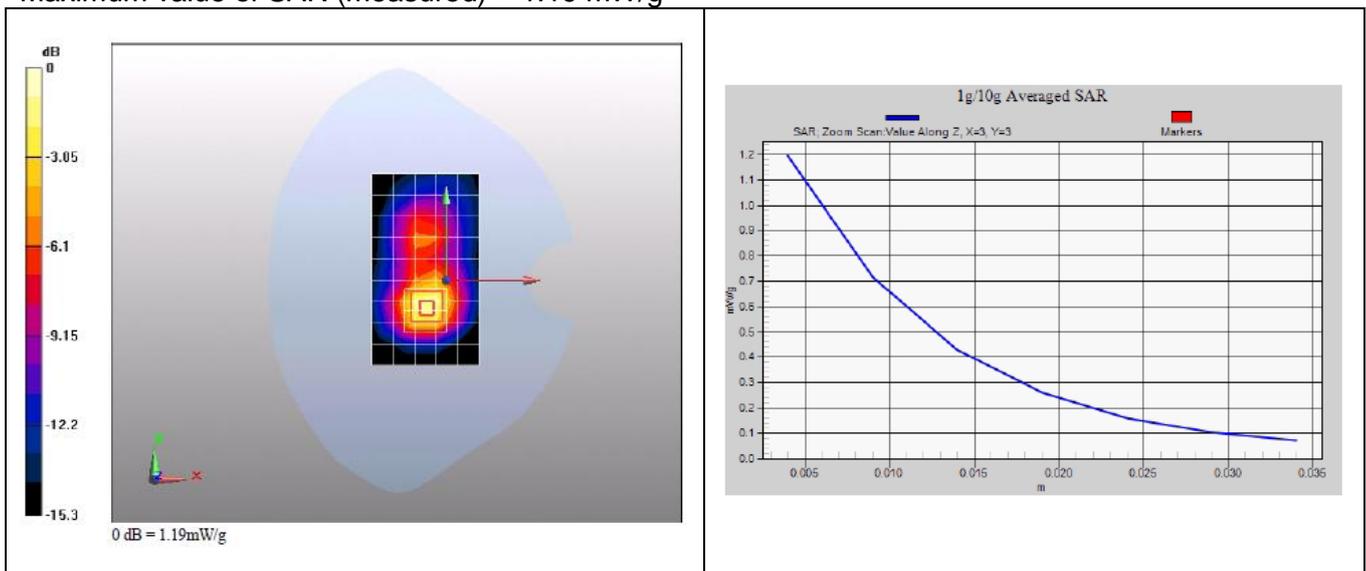
Reference Value = 16.6 V/m; Power Drift = -0.063 dB

Peak SAR (extrapolated) = 1.84 W/kg

SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.580 mW/g

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

Maximum value of SAR (measured) = 1.19 mW/g



Additional information:

position or distance of DUT to SAM (if not standard head positions) : 5 mm

ambient temperature: 22.0°C; liquid temperature: 21.8°C

Date/Time: 4/13/2011 23:38:39, Date/Time: 4/13/2011 23:44:38

E372u-5 WCDMA1700 1513CH Left side 5mm

DUT: E372u-5; Type: DC-HSPA+ USB Stick; Serial: B3R7NA112100054

Communication System: HW -UMTS-FDD; Frequency: 1752.6 MHz

Medium parameters used: $f = 1753$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

Probe: ES3DV3 - SN3168; ConvF(4.99, 4.99, 4.99); 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 (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.764 mW/g

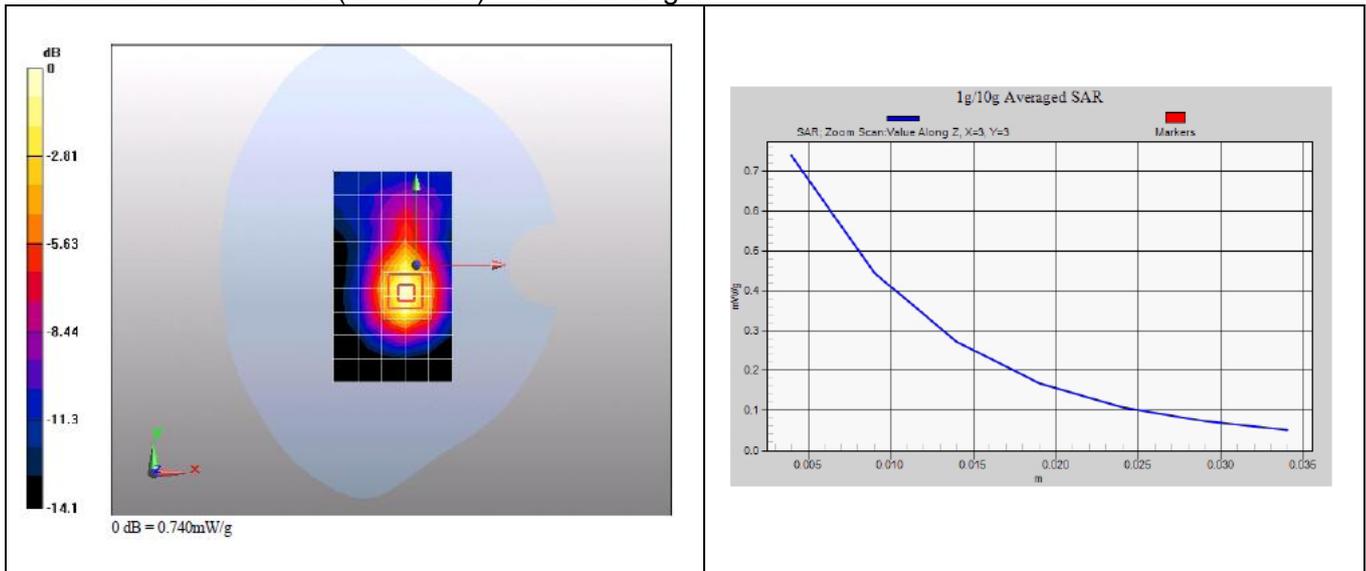
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.1 V/m; Power Drift = 0.086 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.665 mW/g; SAR(10 g) = 0.366 mW/g

Maximum value of SAR (measured) = 0.740 mW/g



Additional information:

position or distance of DUT to SAM (if not standard head positions) : 5 mm

ambient temperature: 22.0°C; liquid temperature: 21.8°C

Test report no.: SYBH(Z-SAR)024032011-2

Date/Time: 4/13/2011 23:14:30, Date/Time: 4/13/2011 23:20:28

E372u-5 WCDMA1700 1312CH Left side 5mm

DUT: E372u-5; Type: DC-HSPA+ USB Stick; Serial: B3R7NA1112100054

Communication System: HW -UMTS-FDD; Frequency: 1712.4 MHz

Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

Probe: ES3DV3 - SN3168; ConvF(4.99, 4.99, 4.99); 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 (6x10x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.741 mW/g

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

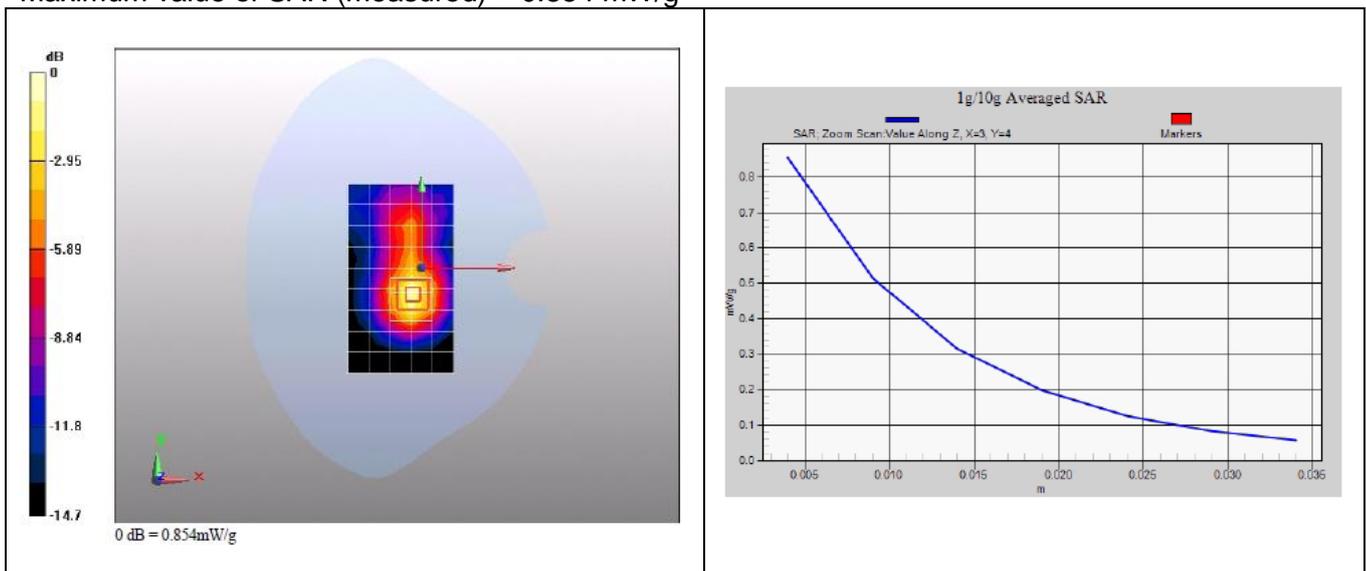
Reference Value = 15.4 V/m; Power Drift = -0.085 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.736 mW/g; SAR(10 g) = 0.385 mW/g

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

Maximum value of SAR (measured) = 0.854 mW/g



Additional information:

position or distance of DUT to SAM (if not standard head positions) : 5 mm

ambient temperature: 22.0°C; liquid temperature: 21.8°C

Test report no.: SYBH(Z-SAR)024032011-2

Date/Time: 4/14/2011 0:46:17, Date/Time: 4/14/2011 0:52:15

E372u-5 WCDMA1700 1513CH Right side 5mm

DUT: E372u-5; Type: DC-HSPA+ USB Stick; Serial: B3R7NA1112100054

Communication System: HW -UMTS-FDD; Frequency: 1752.6 MHz

Medium parameters used: $f = 1753$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

Probe: ES3DV3 - SN3168; ConvF(4.99, 4.99, 4.99); 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 (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.721 mW/g

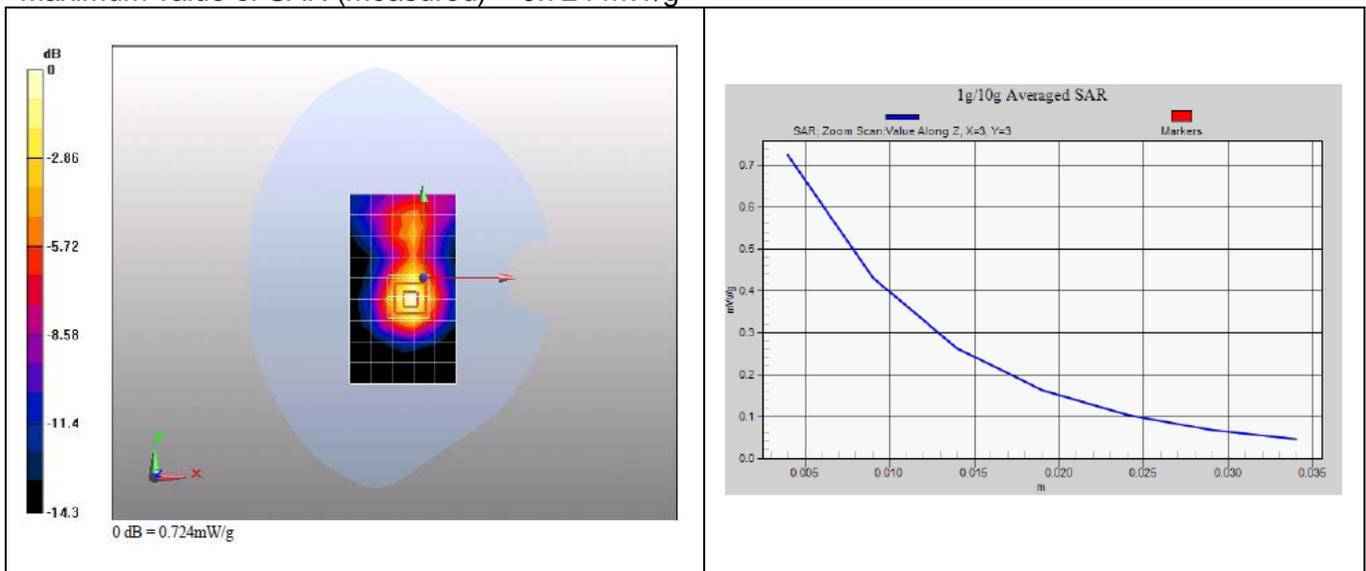
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15 V/m; Power Drift = -0.163 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.654 mW/g; SAR(10 g) = 0.353 mW/g

Maximum value of SAR (measured) = 0.724 mW/g



Additional information:

position or distance of DUT to SAM (if not standard head positions) : 5 mm

ambient temperature: 22.0°C; liquid temperature: 21.8°C

Test report no.: SYBH(Z-SAR)024032011-2

Date/Time: 4/14/2011 0:24:57, Date/Time: 4/14/2011 0:30:55

E372u-5 WCDMA1700 1312CH Right side 5mm

DUT: E372u-5; Type: DC-HSPA+ USB Stick; Serial: B3R7NA1112100054

Communication System: HW -UMTS-FDD; Frequency: 1712.4 MHz

Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

Probe: ES3DV3 - SN3168; ConvF(4.99, 4.99, 4.99); 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 (6x10x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.857 mW/g

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

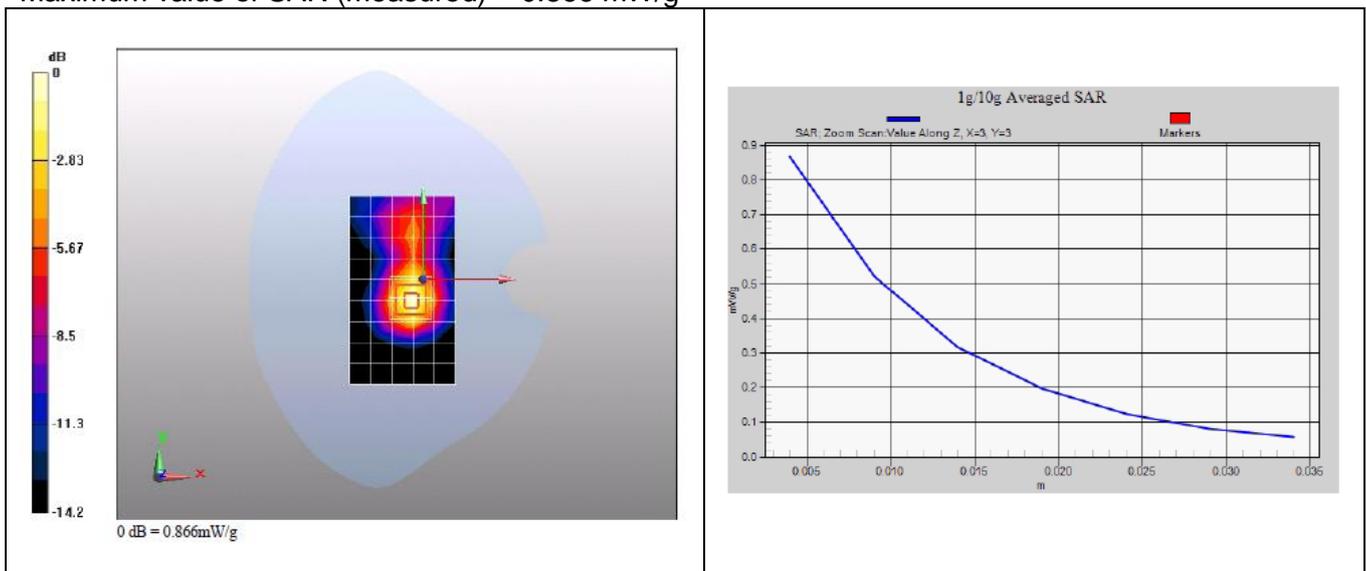
Reference Value = 16 V/m; Power Drift = -0.048 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.782 mW/g; SAR(10 g) = 0.424 mW/g

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

Maximum value of SAR (measured) = 0.866 mW/g



Additional information:

position or distance of DUT to SAM (if not standard head positions) : 5 mm

ambient temperature: 22.0°C; liquid temperature: 21.8°C

Test report no.: SYBH(Z-SAR)024032011-2

Date/Time: 4/14/2011 6:18:09, Date/Time: 4/14/2011 6:24:07

E372u-5 WCDMA1700 1312CH Back side 5mm with HSDPA

DUT: E372u-5; Type: DC-HSPA+ USB Stick; Serial: B3R7NA1112100054

Communication System: HW -UMTS-FDD; Frequency: 1712.4 MHz

Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

Probe: ES3DV3 - SN3168; ConvF(4.99, 4.99, 4.99); 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 (6x10x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.759 mW/g

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

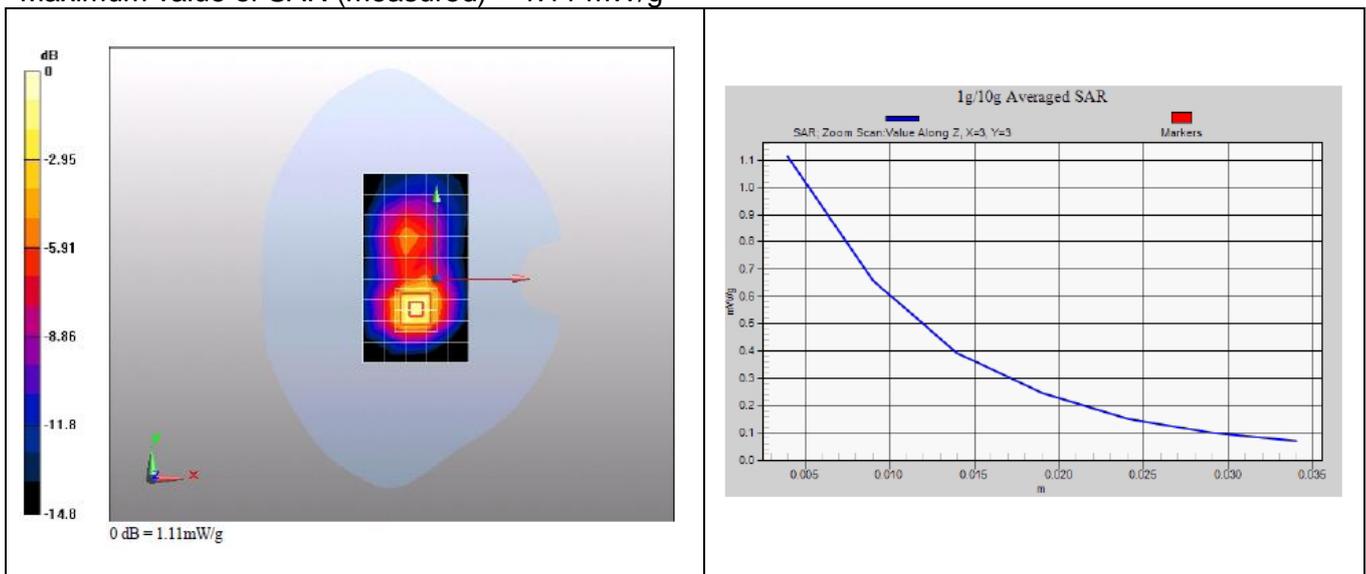
Reference Value = 14.4 V/m; Power Drift = 0.00256 dB

Peak SAR (extrapolated) = 1.69 W/kg

SAR(1 g) = 0.990 mW/g; SAR(10 g) = 0.537 mW/g

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

Maximum value of SAR (measured) = 1.11 mW/g



Additional information:

position or distance of DUT to SAM (if not standard head positions) : 5 mm

ambient temperature: 22.0°C; liquid temperature: 21.8°C

Test report no.: SYBH(Z-SAR)024032011-2

Date/Time: 4/14/2011 6:50:44, Date/Time: 4/14/2011 6:56:42

E372u-5 WCDMA1700 1312CH Back side 5mm with HSUPA

DUT: E372u-5; Type: DC-HSPA+ USB Stick; Serial: B3R7NA1112100054

Communication System: HW -UMTS-FDD; Frequency: 1712.4 MHz

Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

. Probe: ES3DV3 - SN3168; ConvF(4.99, 4.99, 4.99); 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 (6x10x1): Measurement grid: dx=15mm, dy=15mm

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

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

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

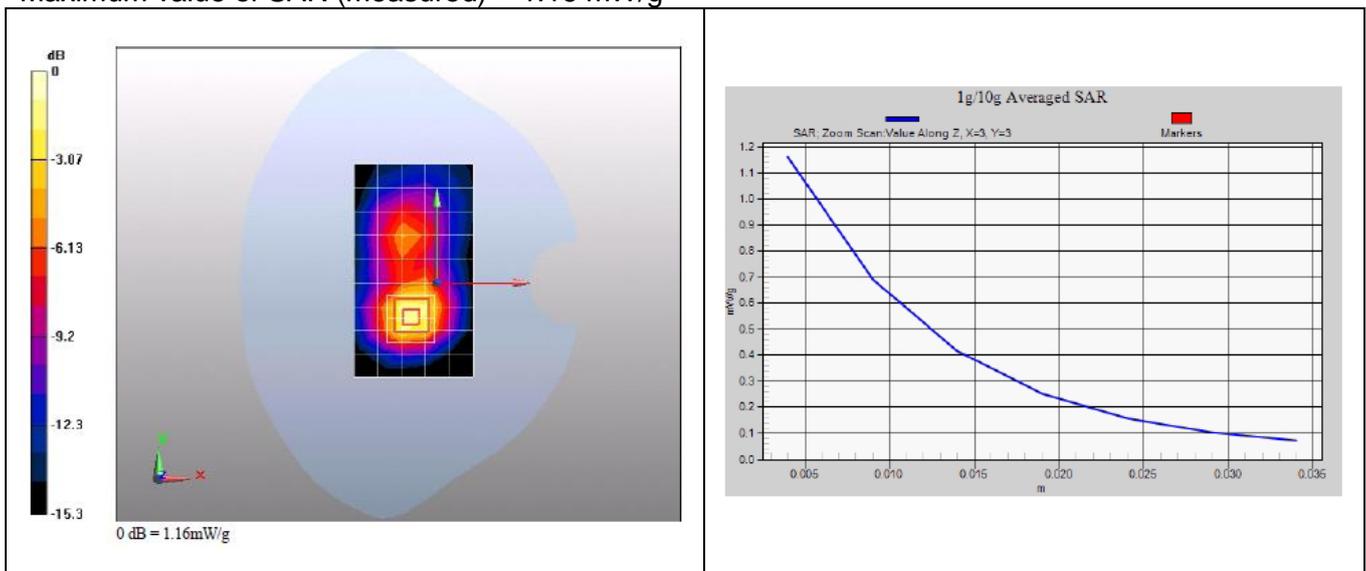
Reference Value = 15.1 V/m; Power Drift = 0.032 dB

Peak SAR (extrapolated) = 1.77 W/kg

SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.563 mW/g

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

Maximum value of SAR (measured) = 1.16 mW/g



Additional information:

position or distance of DUT to SAM (if not standard head positions) : 5 mm

ambient temperature: 22.0°C; liquid temperature: 21.8°C

Annex 2.5 WCDMA 1900MHz

Date/Time: 4/11/2011 22:25:02, Date/Time: 4/11/2011 22:31:01

E372u-5 WCDMA1900 9400CH Front side 5mm

DUT: E372u-5; Type: DC-HSPA+ USB Stick; Serial: B3R7NA1112100054

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.54$ 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(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 (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.781 mW/g

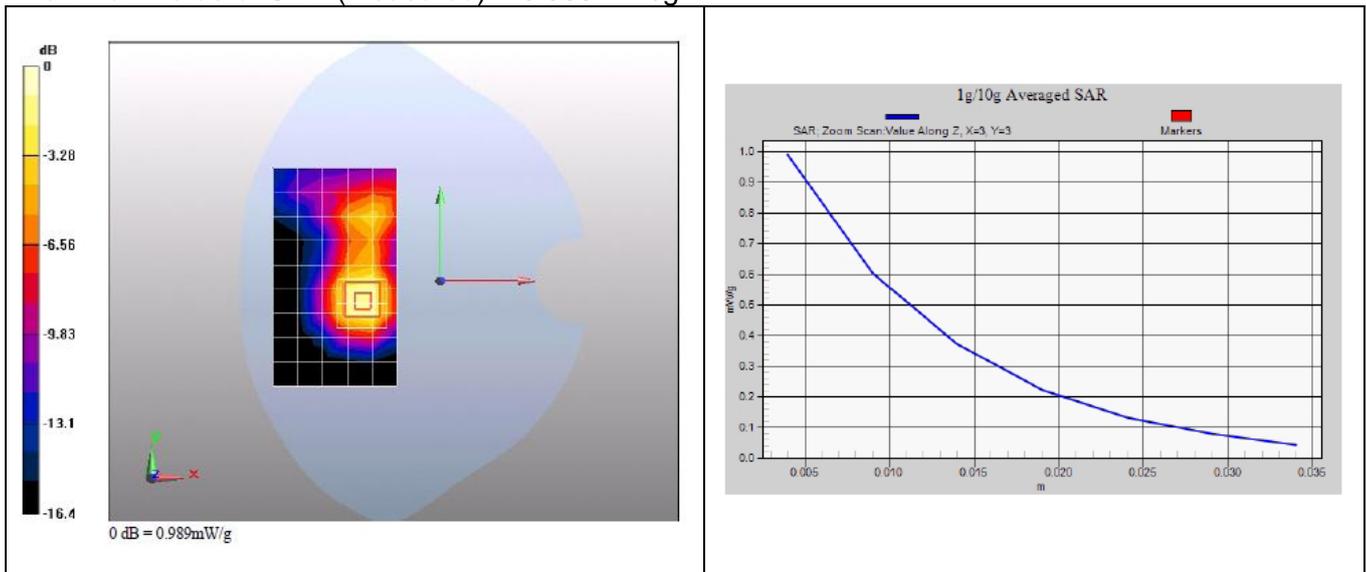
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.78 V/m; Power Drift = 0.081 dB

Peak SAR (extrapolated) = 1.5 W/kg

SAR(1 g) = 0.901 mW/g; SAR(10 g) = 0.497 mW/g

Maximum value of SAR (measured) = 0.989 mW/g



Additional information:

position or distance of DUT to SAM (if not standard head positions) : 5mm

ambient temperature: 22.0°C; liquid temperature: 21.6°C

Date/Time: 4/11/2011 18:00:30, Date/Time: 4/11/2011 18:06:28

E372u-5 WCDMA1900 9400CH Back side 5mm

DUT: E372u-5; Type: DC-HSPA+ USB Stick; Serial: B3R7NA1112100054

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.54$ 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(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 (6x10x1): Measurement grid: dx=15mm, dy=15mm

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

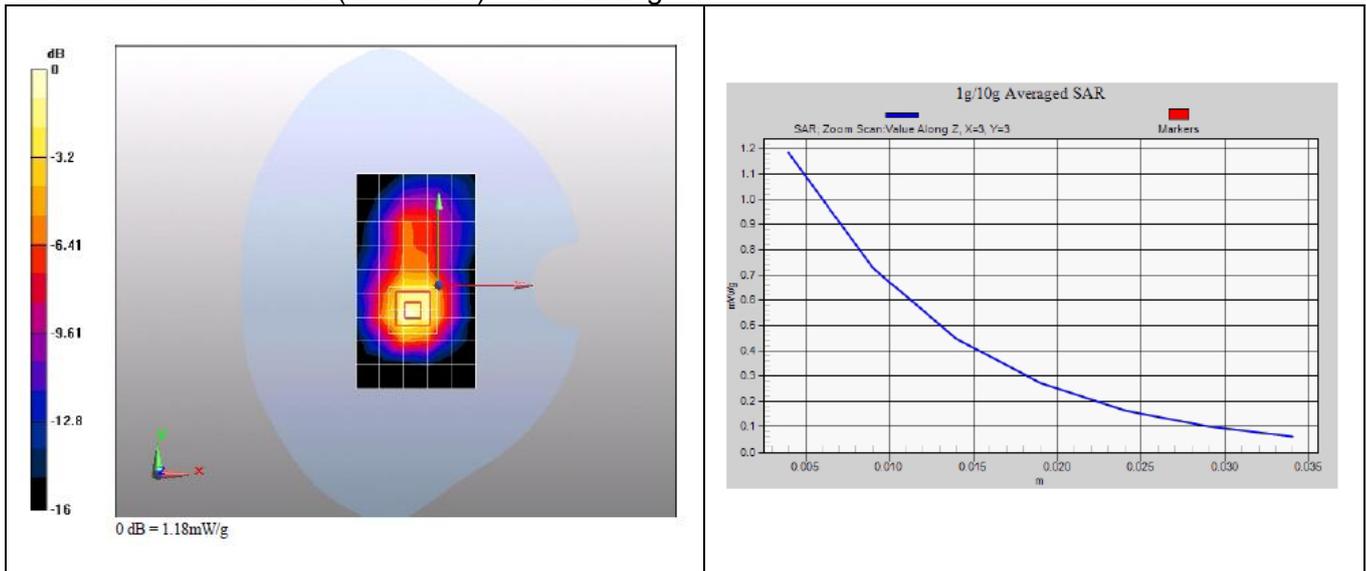
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.2 V/m; Power Drift = -0.193 dB

Peak SAR (extrapolated) = 1.77 W/kg

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.595 mW/g

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



Additional information:

position or distance of DUT to SAM (if not standard head positions) : 5mm

ambient temperature: 22.0°C; liquid temperature: 21.6°C

Date/Time: 4/11/2011 21:33:20, Date/Time: 4/11/2011 21:39:18

E372u-5 WCDMA1900 9400CH Left side 5mm

DUT: E372u-5; Type: DC-HSPA+ USB Stick; Serial: B3R7NA1112100054

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.54$ 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(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 (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.640 mW/g

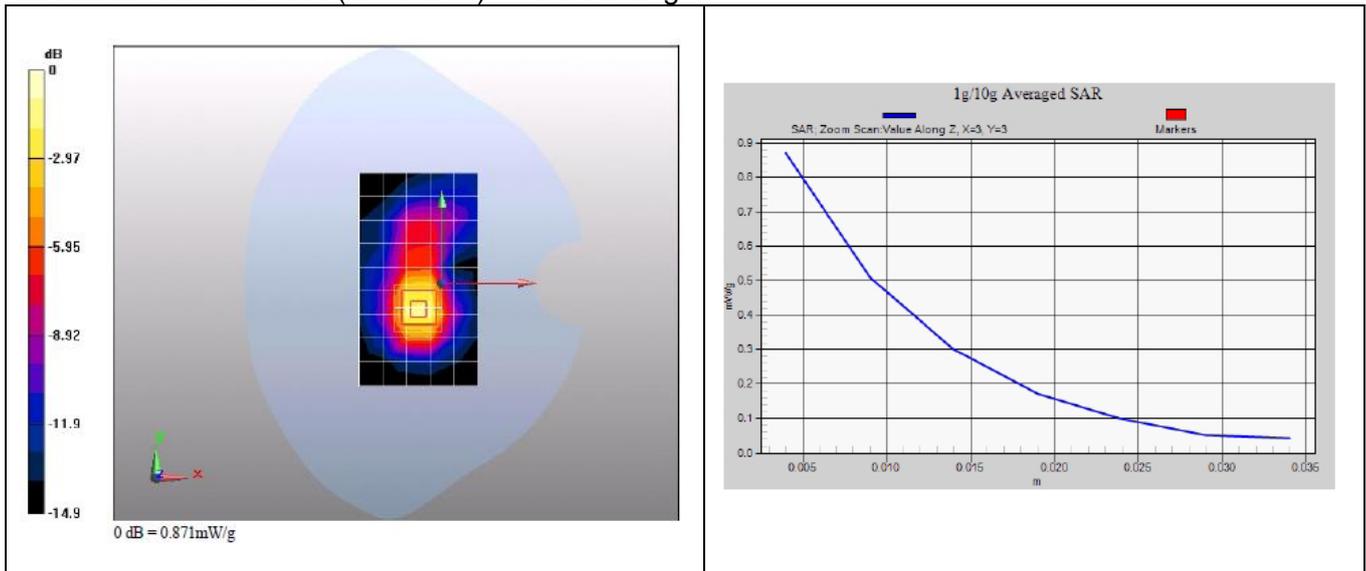
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18 V/m; Power Drift = 0.088 dB

Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.775 mW/g; SAR(10 g) = 0.407 mW/g

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



Additional information:

position or distance of DUT to SAM (if not standard head positions) : 5mm

ambient temperature: 22.0°C; liquid temperature: 21.6°C

Date/Time: 4/11/2011 21:58:06, Date/Time: 4/11/2011 22:04:04

E372u-5 WCDMA1900 9400CH Right side 5mm

DUT: E372u-5; Type: DC-HSPA+ USB Stick; Serial: B3R7NA112100054

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.54$ 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(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 (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.949 mW/g

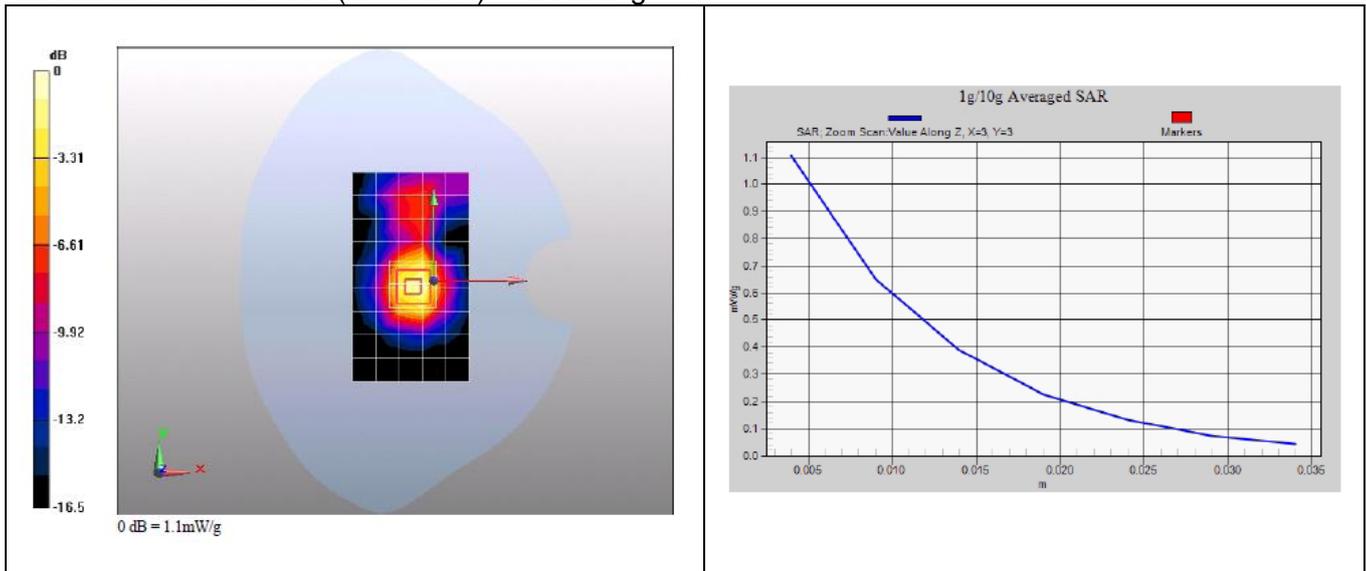
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.6 V/m; Power Drift = 0.170 dB

Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 0.995 mW/g; SAR(10 g) = 0.524 mW/g

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



Additional information:

position or distance of DUT to SAM (if not standard head positions) : 5mm

ambient temperature: 22.0°C; liquid temperature: 21.6°C

Date/Time: 4/11/2011 23:13:18, Date/Time: 4/11/2011 23:19:16

E372u-5 WCDMA1900 9538CH Front side 5mm

DUT: E372u-5; Type: DC-HSPA+ USB Stick; Serial: B3R7NA1112100054

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

Medium parameters used: $f = 1908$ MHz; $\sigma = 1.57$ 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(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 (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.771 mW/g

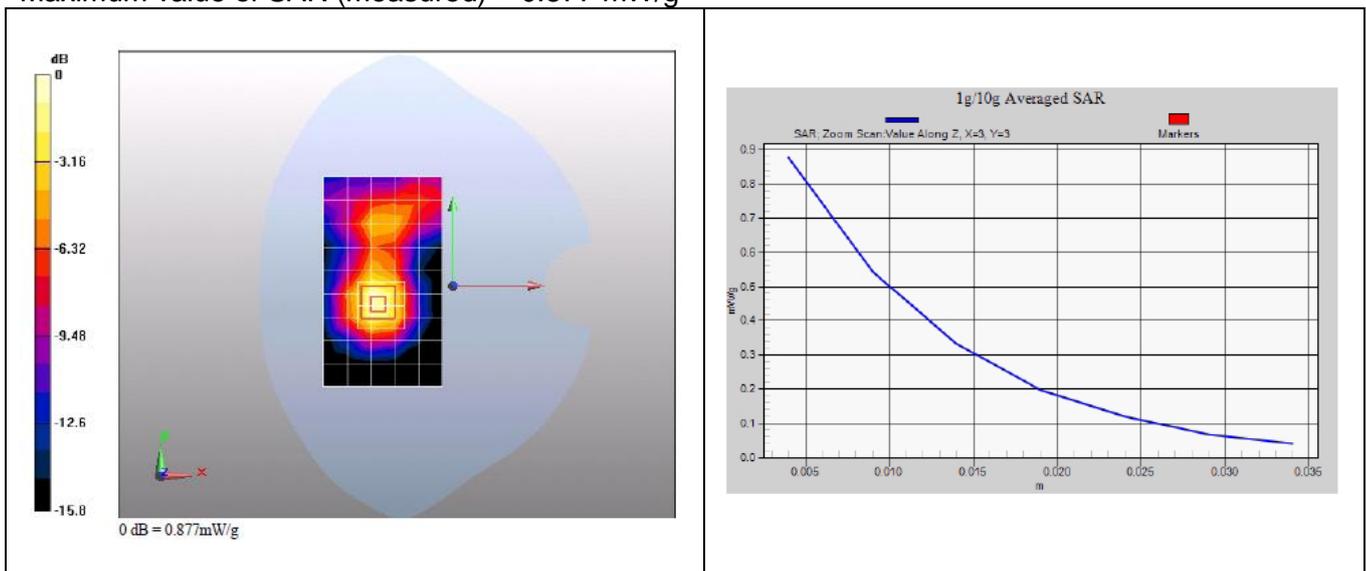
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.87 V/m; Power Drift = -0.033 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.807 mW/g; SAR(10 g) = 0.445 mW/g

Maximum value of SAR (measured) = 0.877 mW/g



Additional information:

position or distance of DUT to SAM (if not standard head positions) : 5mm

ambient temperature: 22.0°C; liquid temperature: 21.6°C

Date/Time: 4/11/2011 22:48:35, Date/Time: 4/11/2011 22:54:33

E372u-5 WCDMA1900 9262CH Front side 5mm

DUT: E372u-5; Type: DC-HSPA+ USB Stick; Serial: B3R7NA1112100054

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

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.51$ 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(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 (6x10x1): Measurement grid: dx=15mm, dy=15mm

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

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

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

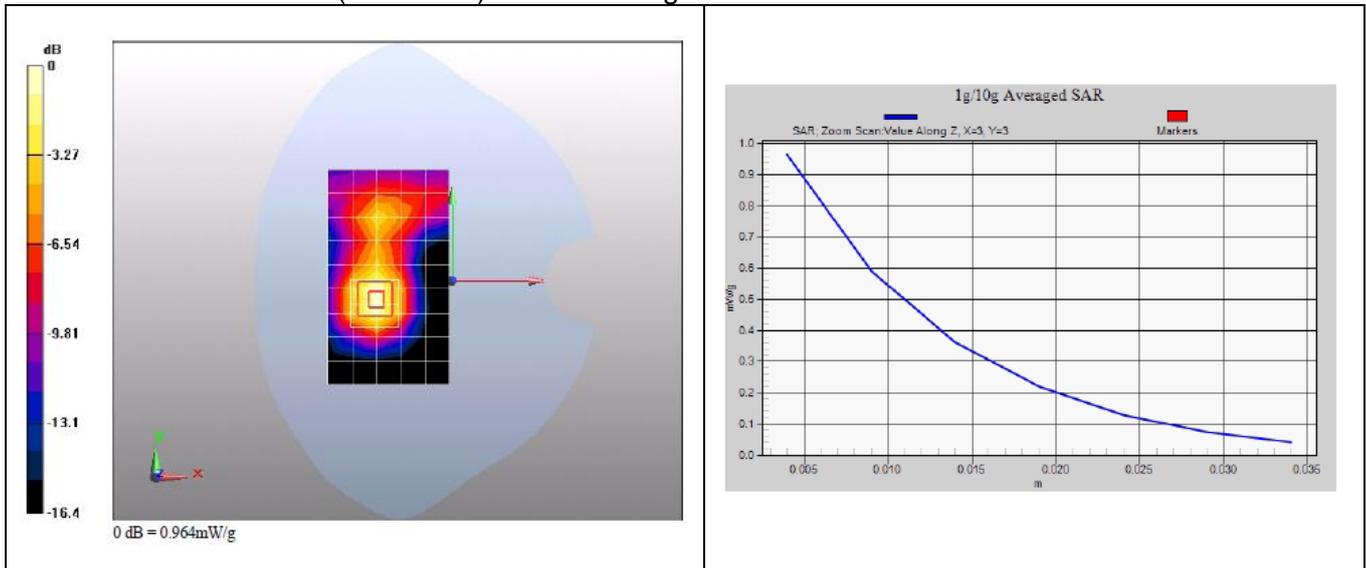
Reference Value = 4.26 V/m; Power Drift = 0.073 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.880 mW/g; SAR(10 g) = 0.488 mW/g

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

Maximum value of SAR (measured) = 0.964 mW/g



Additional information:

position or distance of DUT to SAM (if not standard head positions) : 5mm

ambient temperature: 22.0°C; liquid temperature: 21.6°C

Date/Time: 4/11/2011 23:47:53, Date/Time: 4/11/2011 23:53:50

E372u-5 WCDMA1900 9538CH Right side 5mm

DUT: E372u-5; Type: DC-HSPA+ USB Stick; Serial: B3R7NA1112100054

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

Medium parameters used: $f = 1908$ MHz; $\sigma = 1.57$ 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(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 (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.884 mW/g

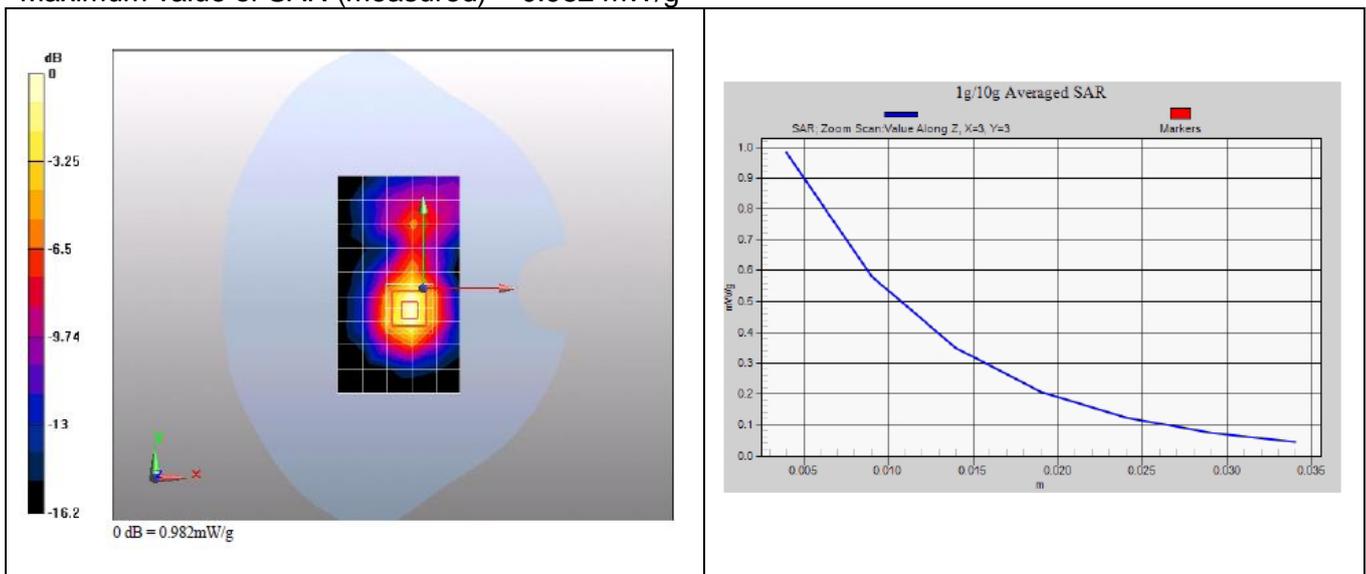
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17 V/m; Power Drift = -0.082 dB

Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 0.870 mW/g; SAR(10 g) = 0.461 mW/g

Maximum value of SAR (measured) = 0.982 mW/g



Additional information:

position or distance of DUT to SAM (if not standard head positions) : 5mm

ambient temperature: 22.0°C; liquid temperature: 21.6°C

Test report no.: SYBH(Z-SAR)024032011-2

Date/Time: 4/12/2011 0:14:59, Date/Time: 4/12/2011 0:20:56

E372u-5 WCDMA1900 9262CH Right side 5mm

DUT: E372u-5; Type: DC-HSPA+ USB Stick; Serial: B3R7NA1112100054

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

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.51$ 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(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 (6x10x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.02 mW/g

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

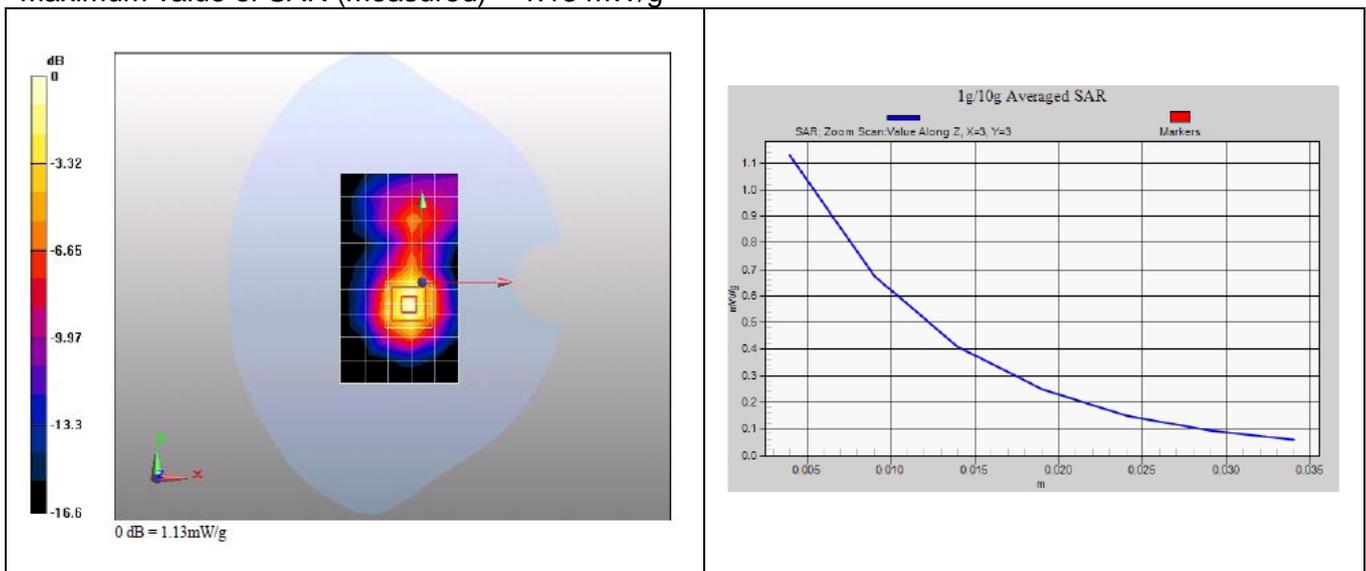
Reference Value = 17.8 V/m; Power Drift = -0.093 dB

Peak SAR (extrapolated) = 1.72 W/kg

SAR(1 g) = 1 mW/g; SAR(10 g) = 0.537 mW/g

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

Maximum value of SAR (measured) = 1.13 mW/g



Additional information:

position or distance of DUT to SAM (if not standard head positions) : 5mm

ambient temperature: 22.0°C; liquid temperature: 21.6°C

Date/Time: 4/12/2011 2:16:12, Date/Time: 4/12/2011 2:22:11

E372u-5 WCDMA1900 9538CH Back side 5mm

DUT: E372u-5; Type: DC-HSPA+ USB Stick; Serial: B3R7NA112100054

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

Medium parameters used: $f = 1908$ MHz; $\sigma = 1.57$ 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(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 (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.01 mW/g

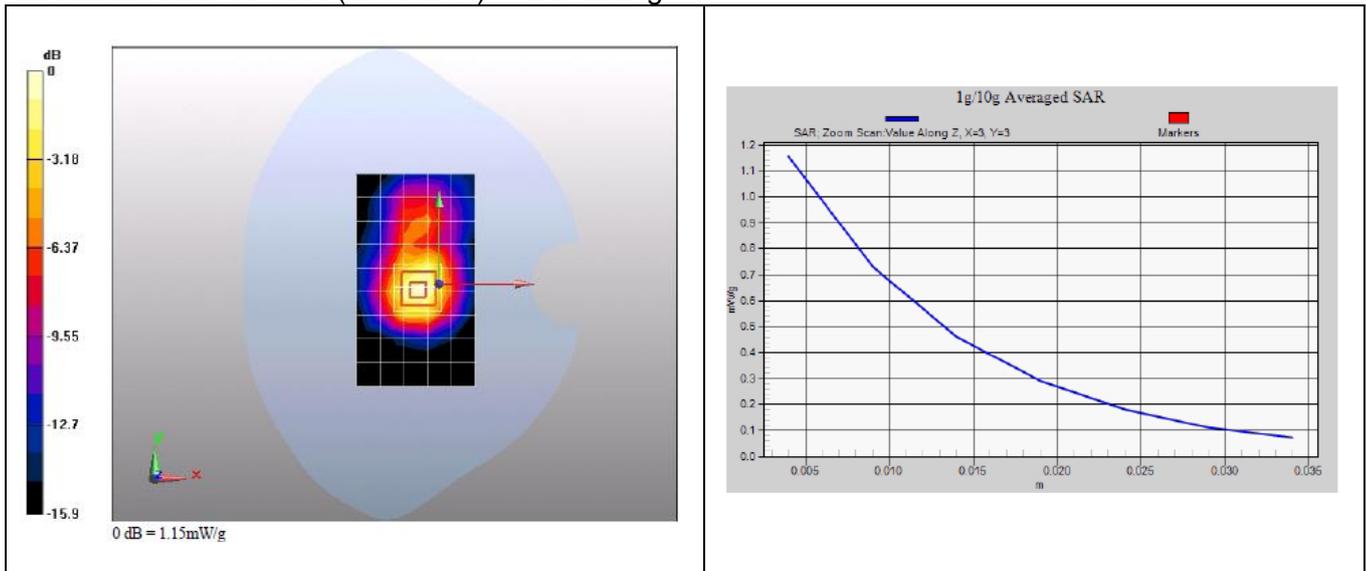
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26 V/m; Power Drift = 0.014 dB

Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.590 mW/g

Maximum value of SAR (measured) = 1.15 mW/g



Additional information:

position or distance of DUT to SAM (if not standard head positions) : 5 mm

ambient temperature: 22.0°C; liquid temperature: 21.8°C

 Test report no.: SYBH(Z-SAR)024032011-2

Date/Time: 4/12/2011 1:55:18, Date/Time: 4/12/2011 2:01:14

E372u-5 WCDMA1900 9262CH Back side 5mm**DUT: E372u-5; Type: DC-HSPA+ USB Stick; Serial: B3R7NA1112100054**

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

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.51$ 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(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 (6x10x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.08 mW/g

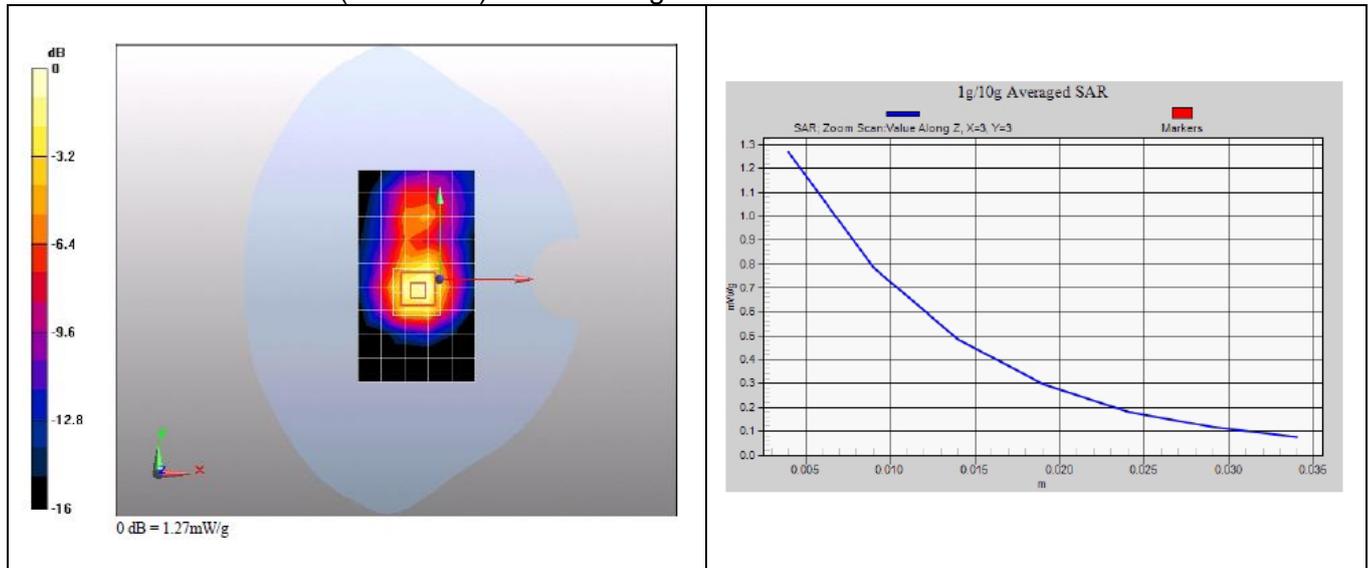
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.6 V/m; Power Drift = -0.044 dB

Peak SAR (extrapolated) = 1.9 W/kg

SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.632 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.27 mW/g

**Additional information:**

position or distance of DUT to SAM (if not standard head positions) : 5 mm

ambient temperature: 22.0°C; liquid temperature: 21.8°C

 Test report no.: SYBH(Z-SAR)024032011-2

Date/Time: 4/12/2011 2:42:52, Date/Time: 4/12/2011 2:48:49

E372u-5 WCDMA1900 9262CH Back side 5mm with HSDPA**DUT: E372u-5; Type: DC-HSPA+ USB Stick; Serial: B3R7NA112100054**

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

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.51$ 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(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 (6x10x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.04 mW/g

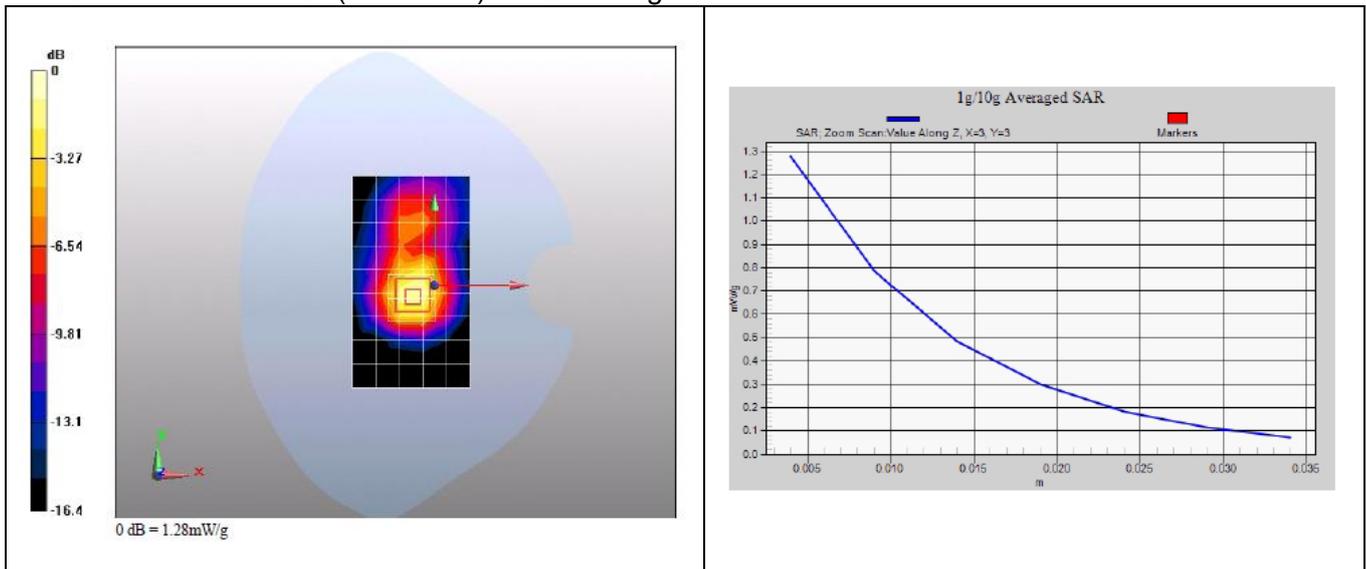
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.9 V/m; Power Drift = 0.127 dB

Peak SAR (extrapolated) = 1.91 W/kg

SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.641 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.28 mW/g

**Additional information:**

position or distance of DUT to SAM (if not standard head positions) : 5 mm

ambient temperature: 22.0°C; liquid temperature: 21.8°C

 Test report no.: SYBH(Z-SAR)024032011-2

Date/Time: 4/12/2011 3:14:23, Date/Time: 4/12/2011 3:20:20

E372u-5 WCDMA1900 9262CH Back side 5mm with HSUPA**DUT: E372u-5; Type: DC-HSPA+ USB Stick; Serial: B3R7NA112100054**

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

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.51$ 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(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 (6x10x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.04 mW/g

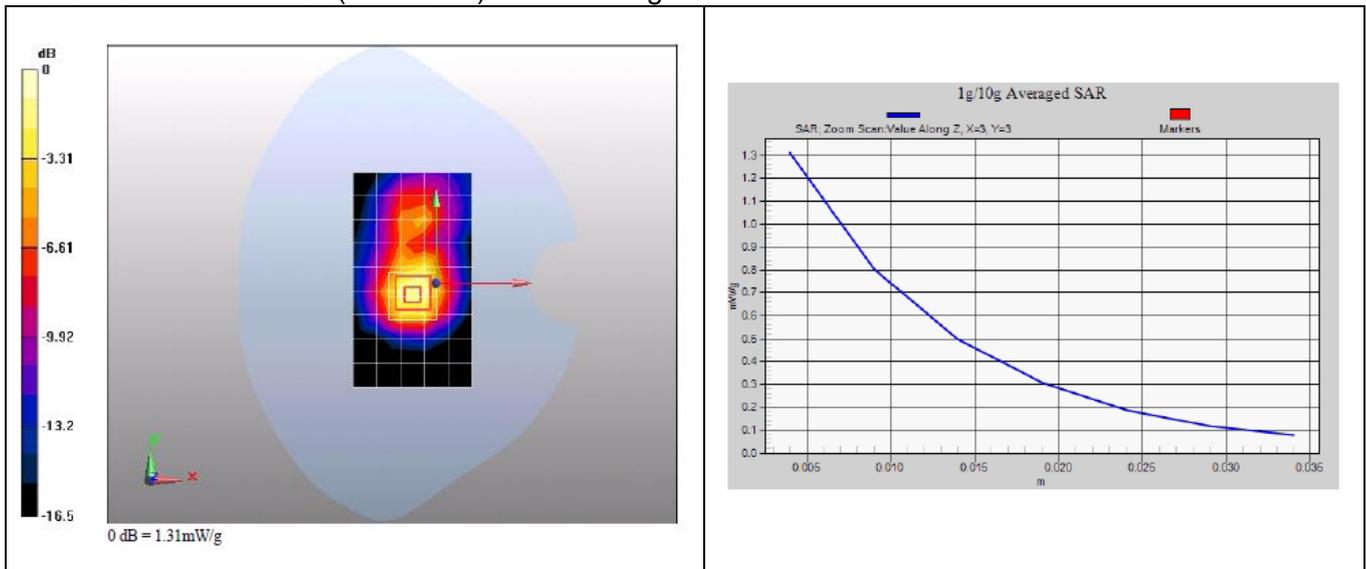
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.8 V/m; Power Drift = -0.072 dB

Peak SAR (extrapolated) = 1.97 W/kg

SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.657 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.31 mW/g

**Additional information:**

position or distance of DUT to SAM (if not standard head positions) : 5 mm

ambient temperature: 22.0°C; liquid temperature: 21.8°C

Annex 3 Photo documentation

Annex 3.1 Test Facility

Photo 1: Measurement System DASY5



Photo 2: Measurement System DASY5

