

Test report no.: SYBH(Z-SAR)027062011-2

Date/Time: 6/20/2011 21:14:23, Date/Time: 6/20/2011 21:20:23

Test Laboratory: SAR Lab of Terminal Reliability Lab

E353s-81 GSM850 GPRS 2TS 190CH Right side 5mm

DUT: E353s-81; Type: HSPA+ USB Stick; Serial: B7V2A11160100034

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.985$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.79, 8.99, 9.47); Calibrated: 11/16/2010

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010

- Phantom: SAM4; Type: SAM; Serial: TP-1620

- 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) = 0.503 mW/g

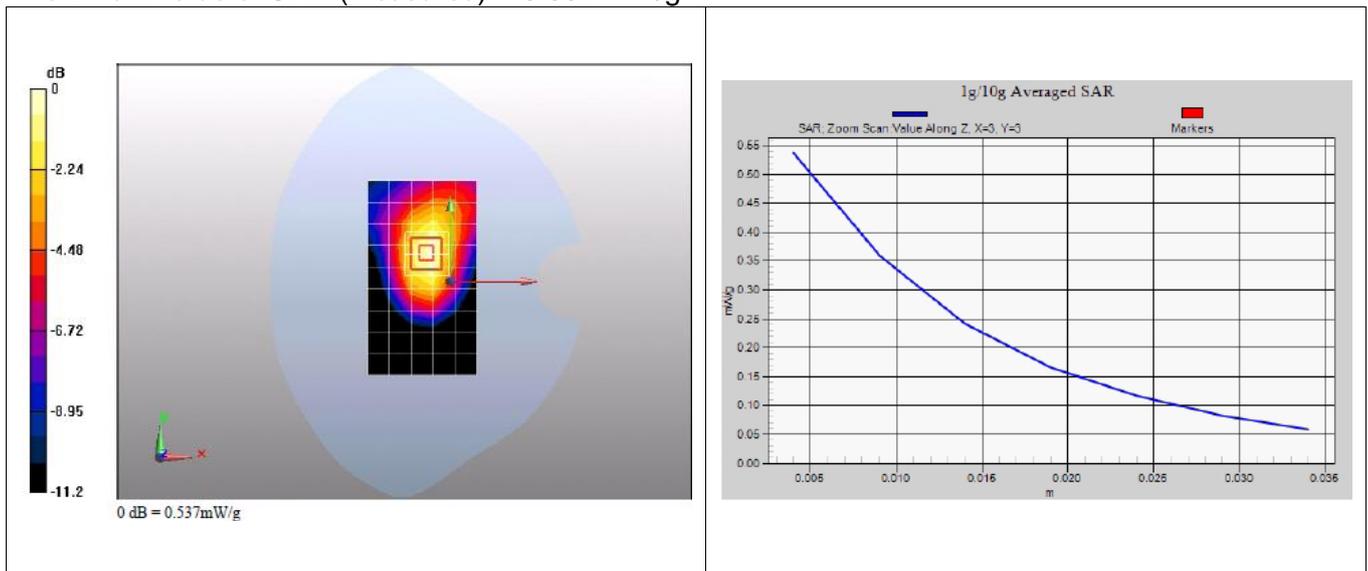
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.2 V/m; Power Drift = -0.051 dB

Peak SAR (extrapolated) = 0.750 W/kg

SAR(1 g) = 0.490 mW/g; SAR(10 g) = 0.310 mW/g

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



Test report no.: SYBH(Z-SAR)027062011-2

Date/Time: 6/21/2011 21:01:00, Date/Time: 6/21/2011 21:06:58

Test Laboratory: SAR Lab of Terminal Reliability Lab

E353s-81 GSM850 GPRS 2TS 251CH Rear side 5mm

DUT: E353s-81; Type: HSPA+ USB Stick; Serial: B7V2A11160100034

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

Medium parameters used: $f = 849$ MHz; $\sigma = 0.991$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

· Probe: EX3DV4 - SN3736; ConvF(8.79, 8.99, 9.47); Calibrated: 11/16/2010

· Sensor-Surface: 4mm (Mechanical Surface Detection)

· Electronics: DAE4 Sn1236; Calibrated: 10/26/2010

· Phantom: SAM4; Type: SAM; Serial: TP-1620

· 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) = 0.973 mW/g

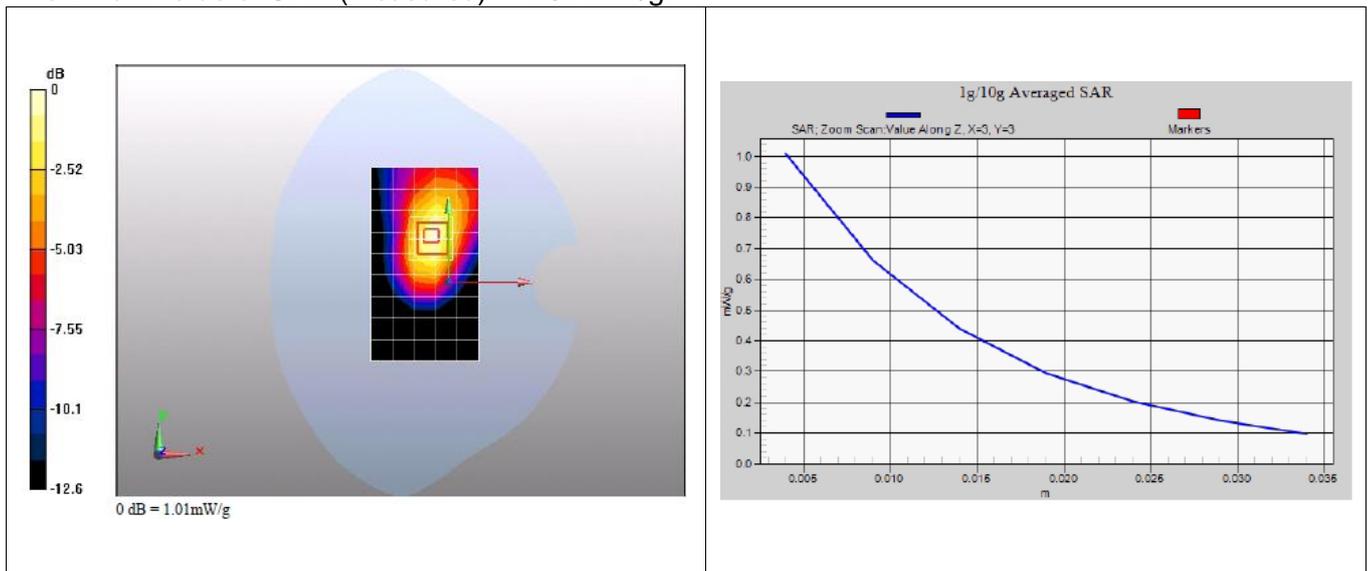
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.3 V/m; Power Drift = -0.045 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.916 mW/g; SAR(10 g) = 0.562 mW/g

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



Test report no.: SYBH(Z-SAR)027062011-2

Date/Time: 6/21/2011 20:03:42, Date/Time: 6/21/2011 20:09:41

Test Laboratory: SAR Lab of Terminal Reliability Lab

E353s-81 GSM850 GPRS 2TS 128CH Rear side 5mm

DUT: E353s-81; Type: HSPA+ USB Stick; Serial: B7V2A11160100034

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

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.966$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.79, 8.99, 9.47); Calibrated: 11/16/2010

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010

- Phantom: SAM4; Type: SAM; Serial: TP-1620

- 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) = 0.845 mW/g

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

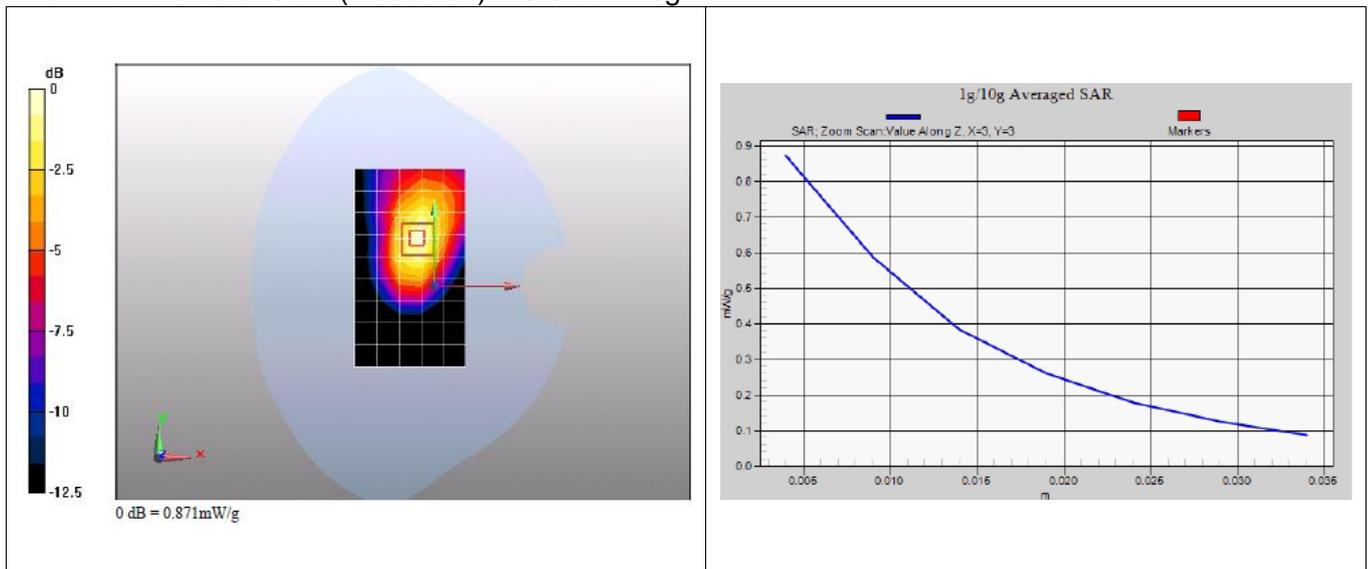
Reference Value = 18.8 V/m; Power Drift = -0.045 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.795 mW/g; SAR(10 g) = 0.491 mW/g

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

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



Test report no.: SYBH(Z-SAR)027062011-2

Date/Time: 6/21/2011 21:44:20, Date/Time: 6/21/2011 21:50:20

Test Laboratory: SAR Lab of Terminal Reliability Lab

E353s-81 GSM850 EGPRS 1TS 190CH Front side 5mm

DUT: E353s-81; Type: HSPA+ USB Stick; Serial: B7V2A11160100034

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.979$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

Probe: EX3DV4 - SN3736; ConvF(8.79, 8.99, 9.47); Calibrated: 11/16/2010

Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1236; Calibrated: 10/26/2010

Phantom: SAM4; Type: SAM; Serial: TP-1620

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) = 0.714 mW/g

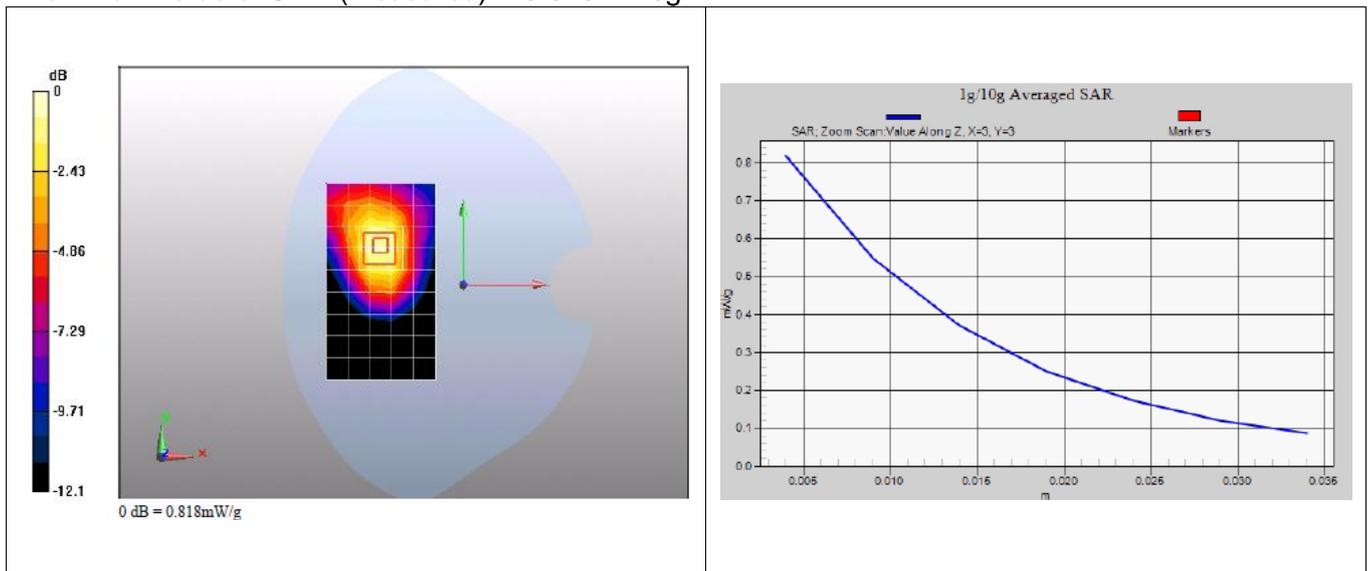
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.81 V/m; Power Drift = 0.077 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.746 mW/g; SAR(10 g) = 0.469 mW/g

Maximum value of SAR (measured) = 0.818 mW/g



Test report no.: SYBH(Z-SAR)027062011-2

Date/Time: 6/21/2011 22:55:51, Date/Time: 6/21/2011 23:01:51

Test Laboratory: SAR Lab of Terminal Reliability Lab

E353s-81 GSM850 EGPRS 2TS 190CH Front side 5mm

DUT: E353s-81; Type: HSPA+ USB Stick; Serial: B7V2A11160100034

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.979$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.79, 8.99, 9.47); Calibrated: 11/16/2010

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010

- Phantom: SAM4; Type: SAM; Serial: TP-1620

- 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) = 0.840 mW/g

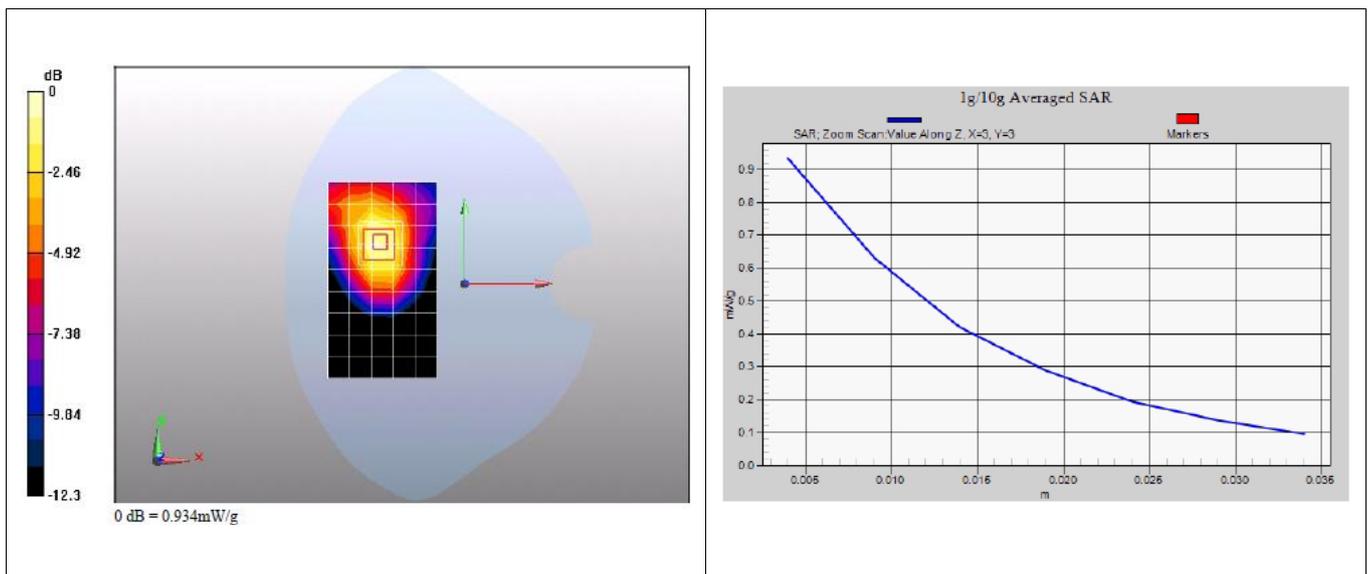
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.67 V/m; Power Drift = 0.076 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.854 mW/g; SAR(10 g) = 0.537 mW/g

Maximum value of SAR (measured) = 0.934 mW/g



Test report no.: SYBH(Z-SAR)027062011-2

Date/Time: 6/22/2011 0:04:29, Date/Time: 6/22/2011 0:10:30

Test Laboratory: SAR Lab of Terminal Reliability Lab

E353s-81 GSM850 EGPRS 3TS 190CH Front side 5mm

DUT: E353s-81; Type: HSPA+ USB Stick; Serial: B7V2A11160100034

Communication System: HW -GSM/GPRS/EDGE 3TS; Frequency: 836.6 MHz

Medium parameters used: $f = 837$ MHz; $\sigma = 0.979$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.79, 8.99, 9.47); Calibrated: 11/16/2010

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010

- Phantom: SAM4; Type: SAM; Serial: TP-1620

- 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) = 0.704 mW/g

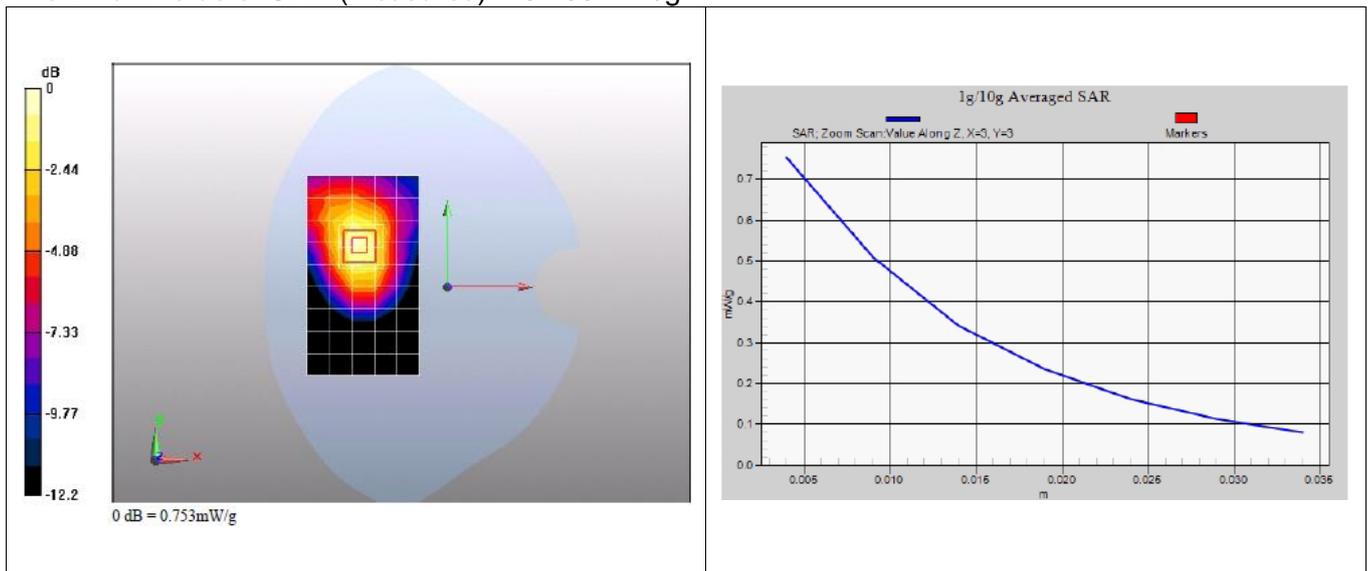
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.2 V/m; Power Drift = 0.122 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.691 mW/g; SAR(10 g) = 0.437 mW/g

Maximum value of SAR (measured) = 0.753 mW/g



Test report no.: SYBH(Z-SAR)027062011-2

Date/Time: 6/22/2011 0:25:40, Date/Time: 6/22/2011 0:31:41

Test Laboratory: SAR Lab of Terminal Reliability Lab

E353s-81 GSM850 EGPRS 4TS 190CH Front side 5mm

DUT: E353s-81; Type: HSPA+ USB Stick; Serial: B7V2A11160100034

Communication System: HW -GSM/GPRS/EDGE 4TS; Frequency: 836.6 MHz

Medium parameters used: $f = 837$ MHz; $\sigma = 0.979$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.79, 8.99, 9.47); Calibrated: 11/16/2010

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010

- Phantom: SAM4; Type: SAM; Serial: TP-1620

- 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) = 0.722 mW/g

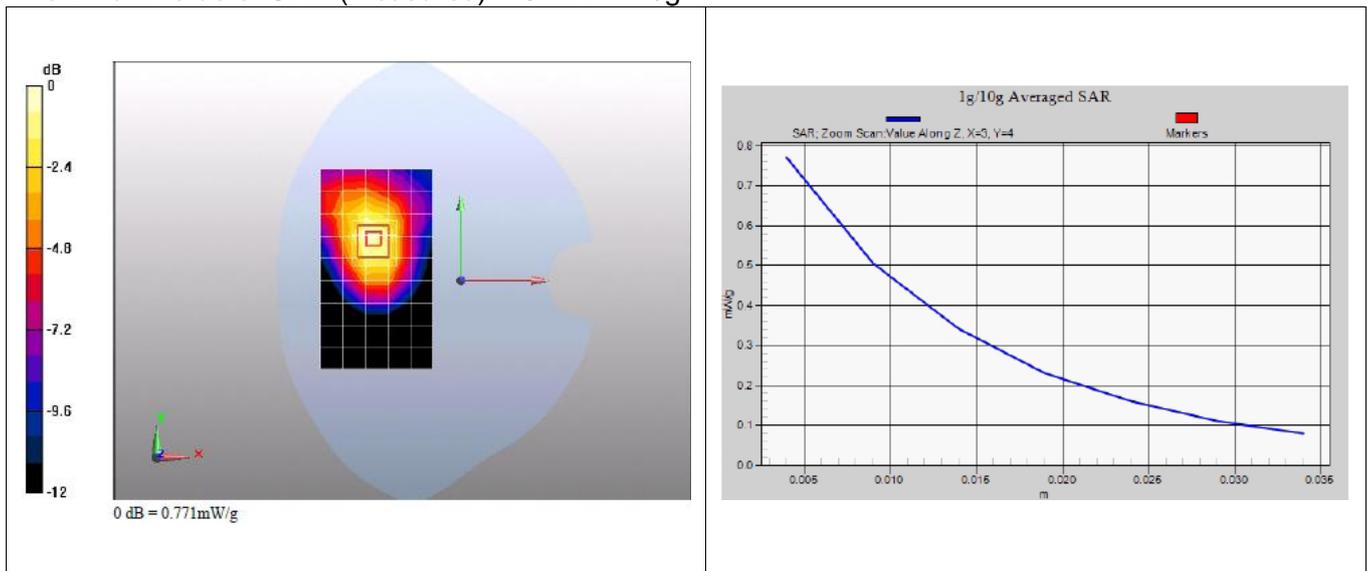
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.25 V/m; Power Drift = 0.139 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.707 mW/g; SAR(10 g) = 0.448 mW/g

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



Test report no.: SYBH(Z-SAR)027062011-2

Date/Time: 6/21/2011 23:40:50, Date/Time: 6/21/2011 23:46:51

Test Laboratory: SAR Lab of Terminal Reliability Lab

E353s-81 GSM850 EGPRS 2TS 251CH Front side 5mm

DUT: E353s-81; Type: HSPA+ USB Stick; Serial: B7V2A11160100034

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

Medium parameters used: $f = 849$ MHz; $\sigma = 0.991$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

Probe: EX3DV4 - SN3736; ConvF(8.79, 8.99, 9.47); Calibrated: 11/16/2010

Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1236; Calibrated: 10/26/2010

Phantom: SAM4; Type: SAM; Serial: TP-1620

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) = 0.889 mW/g

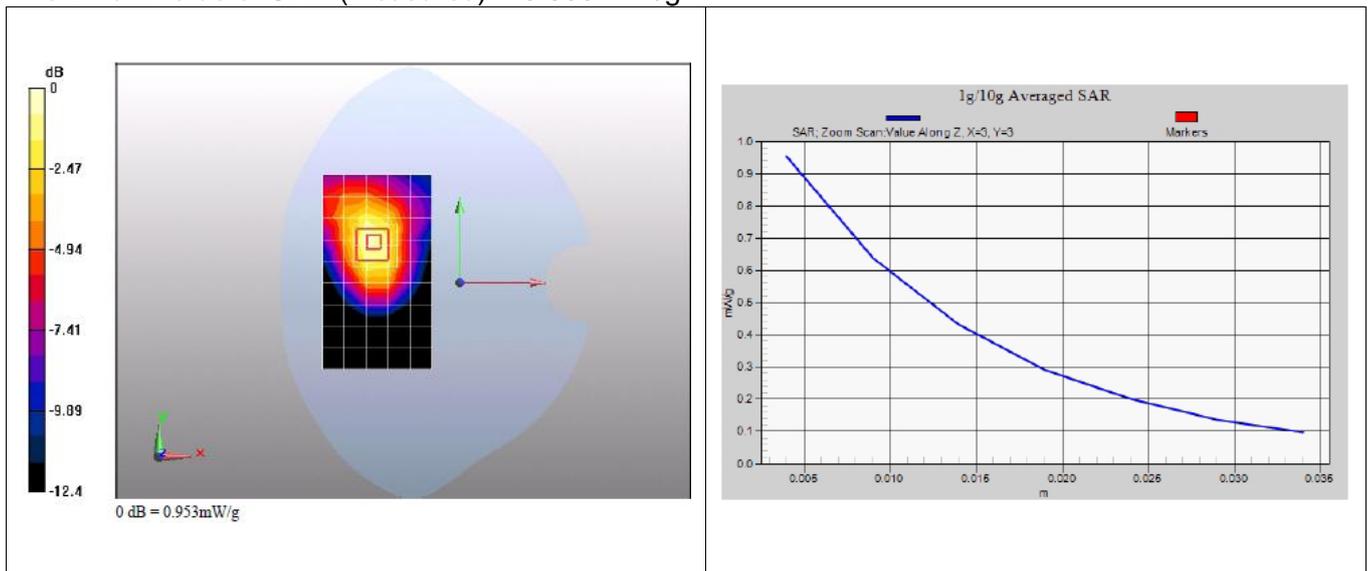
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.49 V/m; Power Drift = 0.136 dB

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.873 mW/g; SAR(10 g) = 0.547 mW/g

Maximum value of SAR (measured) = 0.953 mW/g



Test report no.: SYBH(Z-SAR)027062011-2

Date/Time: 6/21/2011 23:17:58, Date/Time: 6/21/2011 23:23:59

Test Laboratory: SAR Lab of Terminal Reliability Lab

E353s-81 GSM850 EGPRS 2TS 128CH Front side 5mm

DUT: E353s-81; Type: HSPA+ USB Stick; Serial: B7V2A11160100034

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

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.966$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

Probe: EX3DV4 - SN3736; ConvF(8.79, 8.99, 9.47); Calibrated: 11/16/2010

Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1236; Calibrated: 10/26/2010

Phantom: SAM4; Type: SAM; Serial: TP-1620

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) = 0.716 mW/g

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

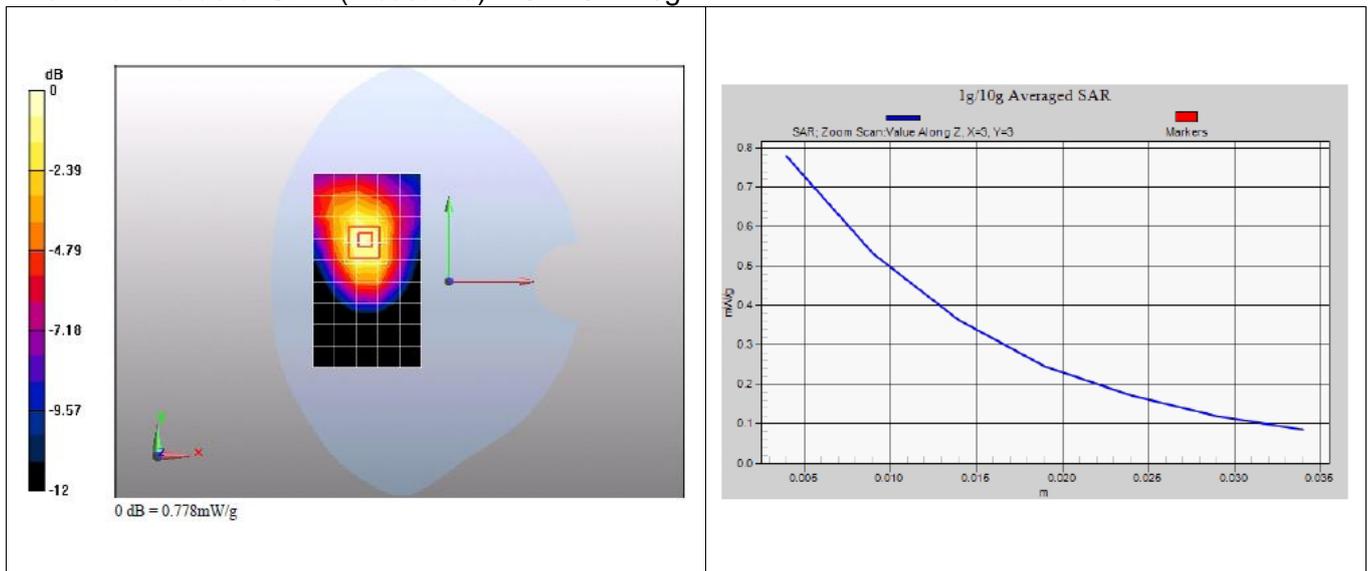
Reference Value = 5.36 V/m; Power Drift = 0.144 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.713 mW/g; SAR(10 g) = 0.452 mW/g

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

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



Annex 2.2 GSM 1900 MHz body

Date/Time: 6/20/2011 12:02:42, Date/Time: 6/20/2011 12:08:43

Test Laboratory: SAR Lab of Terminal Reliability Lab

E353s-81 GSM1900 GPRS 1TS 661CH Front side 5mm

DUT: E353s-81; Type: HSPA+ USB Stick; Serial: B7V2A11160100034

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

Probe: EX3DV4 - SN3736; ConvF(7.49, 7.65, 8.03); Calibrated: 11/16/2010

Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1236; Calibrated: 10/26/2010

Phantom: SAM3; Type: SAM; Serial: TP-1597

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

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

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

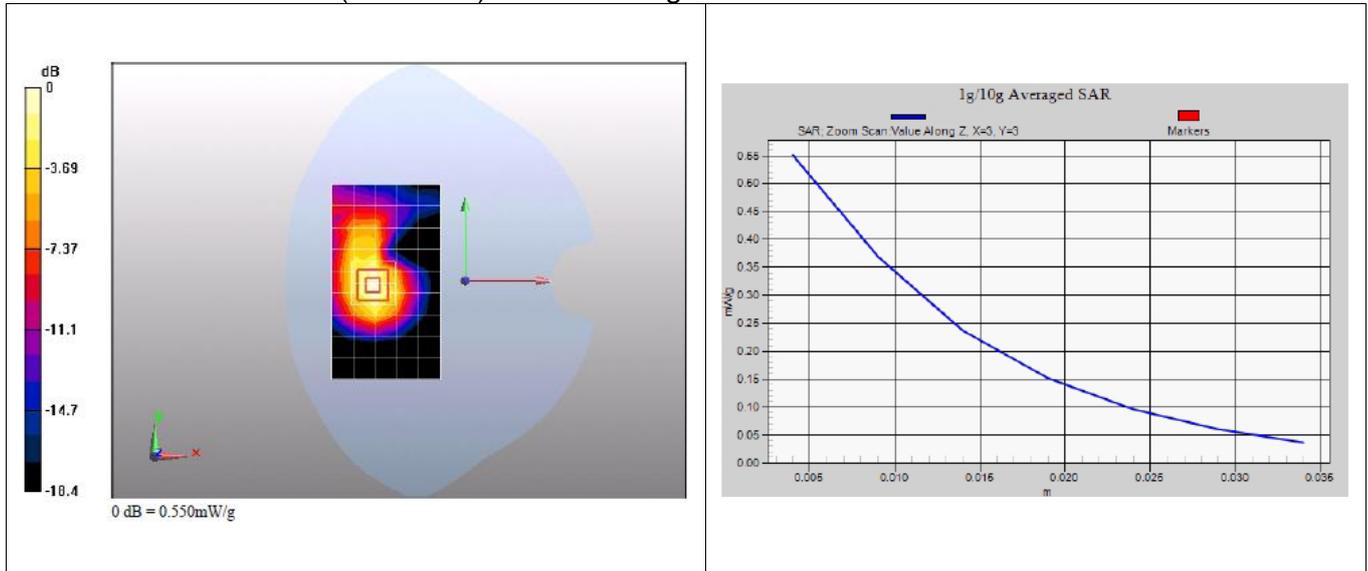
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.93 V/m; Power Drift = -0.045 dB

Peak SAR (extrapolated) = 0.734 W/kg

SAR(1 g) = 0.494 mW/g; SAR(10 g) = 0.290 mW/g

Maximum value of SAR (measured) = 0.550 mW/g



Test report no.: SYBH(Z-SAR)027062011-2

Date/Time: 6/20/2011 12:30:20, Date/Time: 6/20/2011 12:36:19

Test Laboratory: SAR Lab of Terminal Reliability Lab

E353s-81 GSM1900 GPRS 2TS 661CH Front side 5mm

DUT: E353s-81; Type: HSPA+ USB Stick; Serial: B7V2A11160100034

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

Probe: EX3DV4 - SN3736; ConvF(7.49, 7.65, 8.03); Calibrated: 11/16/2010

Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1236; Calibrated: 10/26/2010

Phantom: SAM3; Type: SAM; Serial: TP-1597

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

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.549 mW/g

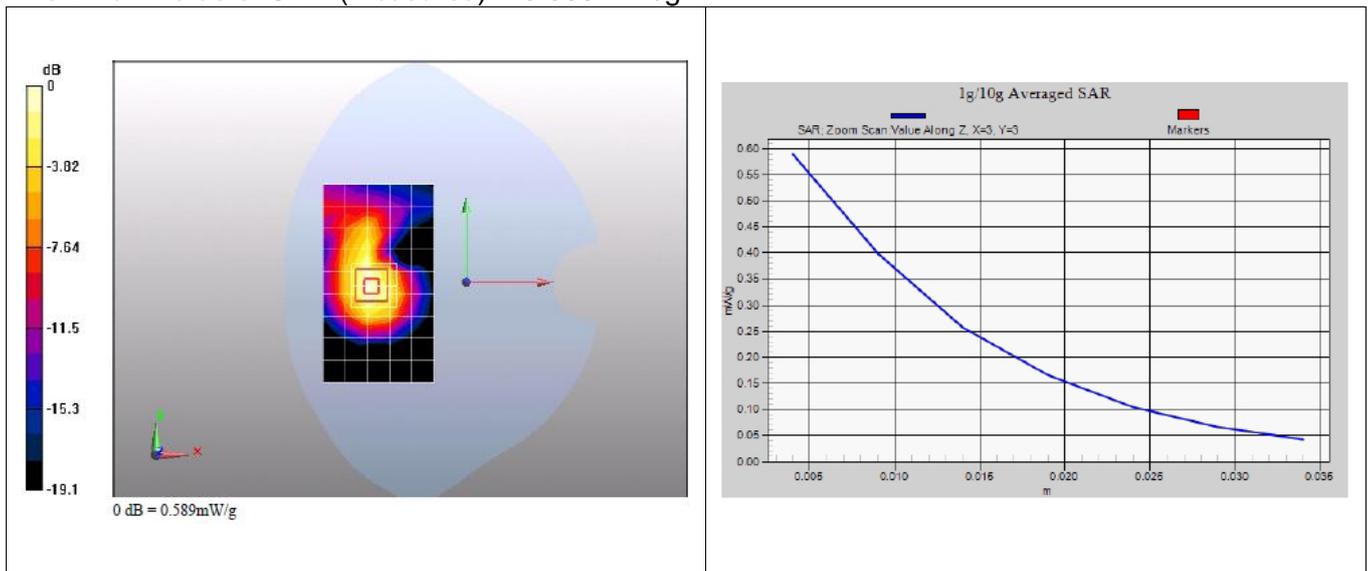
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.05 V/m; Power Drift = -0.078 dB

Peak SAR (extrapolated) = 0.785 W/kg

SAR(1 g) = 0.536 mW/g; SAR(10 g) = 0.317 mW/g

Maximum value of SAR (measured) = 0.589 mW/g



Test report no.: SYBH(Z-SAR)027062011-2

Date/Time: 6/20/2011 13:08:54, Date/Time: 6/20/2011 13:14:56

Test Laboratory: SAR Lab of Terminal Reliability Lab

E353s-81 GSM1900 GPRS 3TS 661CH Front side 5mm

DUT: E353s-81; Type: HSPA+ USB Stick; Serial: B7V2A11160100034

Communication System: HW -GSM/GPRS/EDGE 3TS; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.49, 7.65, 8.03); Calibrated: 11/16/2010

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010

- Phantom: SAM3; Type: SAM; Serial: TP-1597

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

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.468 mW/g

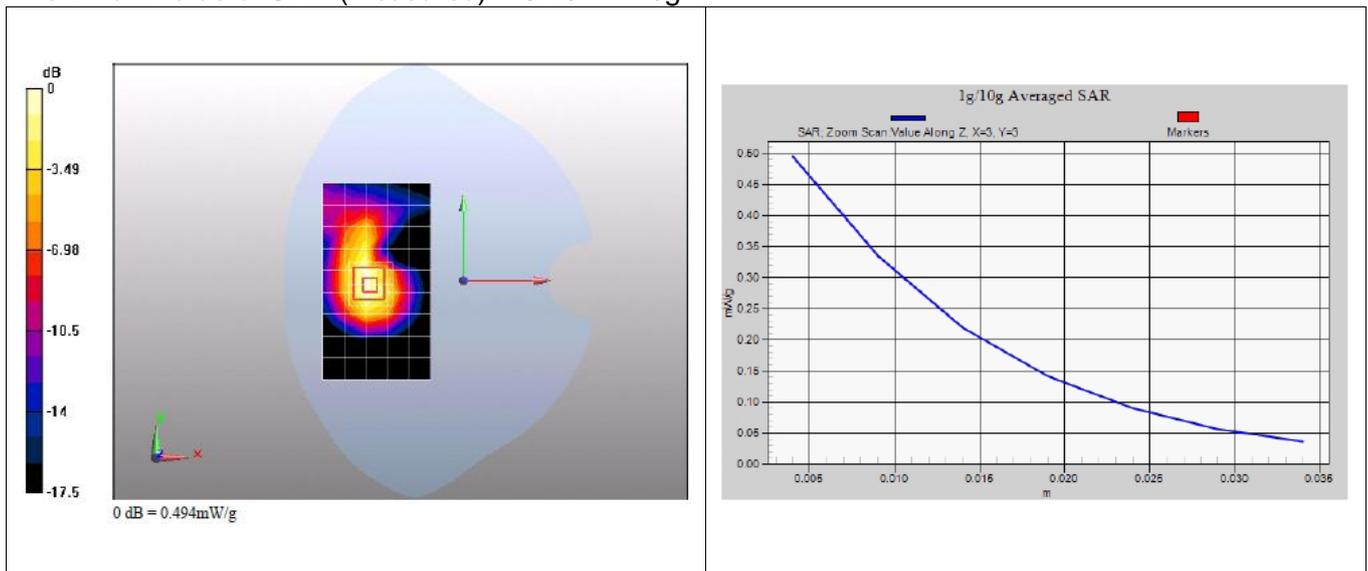
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.86 V/m; Power Drift = -0.020 dB

Peak SAR (extrapolated) = 0.653 W/kg

SAR(1 g) = 0.448 mW/g; SAR(10 g) = 0.266 mW/g

Maximum value of SAR (measured) = 0.494 mW/g



Test report no.: SYBH(Z-SAR)027062011-2

Date/Time: 6/20/2011 14:07:05, Date/Time: 6/20/2011 14:13:05

Test Laboratory: SAR Lab of Terminal Reliability Lab

E353s-81 GSM1900 GPRS 4TS 661CH Front side 5mm

DUT: E353s-81; Type: HSPA+ USB Stick; Serial: B7V2A11160100034

Communication System: HW -GSM/GPRS/EDGE 4TS; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

Probe: EX3DV4 - SN3736; ConvF(7.49, 7.65, 8.03); Calibrated: 11/16/2010

Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1236; Calibrated: 10/26/2010

Phantom: SAM3; Type: SAM; Serial: TP-1597

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

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

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

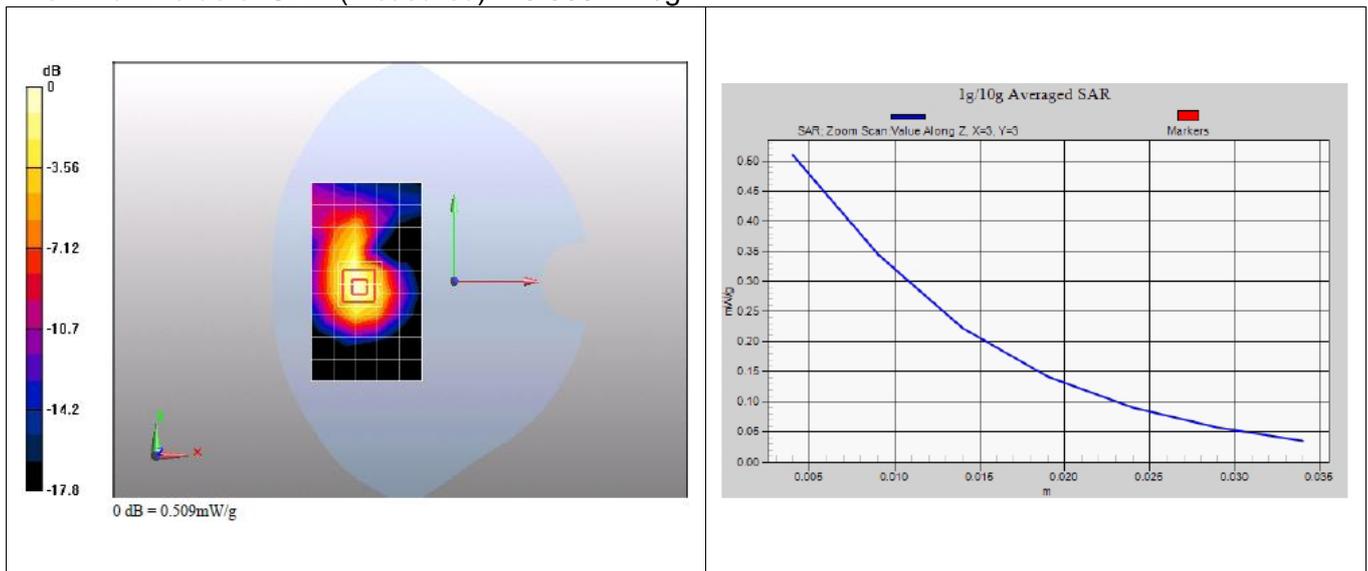
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.88 V/m; Power Drift = -0.179 dB

Peak SAR (extrapolated) = 0.675 W/kg

SAR(1 g) = 0.461 mW/g; SAR(10 g) = 0.272 mW/g

Maximum value of SAR (measured) = 0.509 mW/g



Test report no.: SYBH(Z-SAR)027062011-2

Date/Time: 6/21/2011 0:04:00, Date/Time: 6/21/2011 0:25:10

Test Laboratory: SAR Lab of Terminal Reliability Lab

E353s-81 GSM1900 GPRS 2TS 661CH Rear side 5mm

DUT: E353s-81; Type: HSPA+ USB Stick; Serial: B7V2A11160100034

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

Probe: EX3DV4 - SN3736; ConvF(7.49, 7.65, 8.03); Calibrated: 11/16/2010

Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1236; Calibrated: 10/26/2010

Phantom: SAM3; Type: SAM; Serial: TP-1597

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

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.861 mW/g

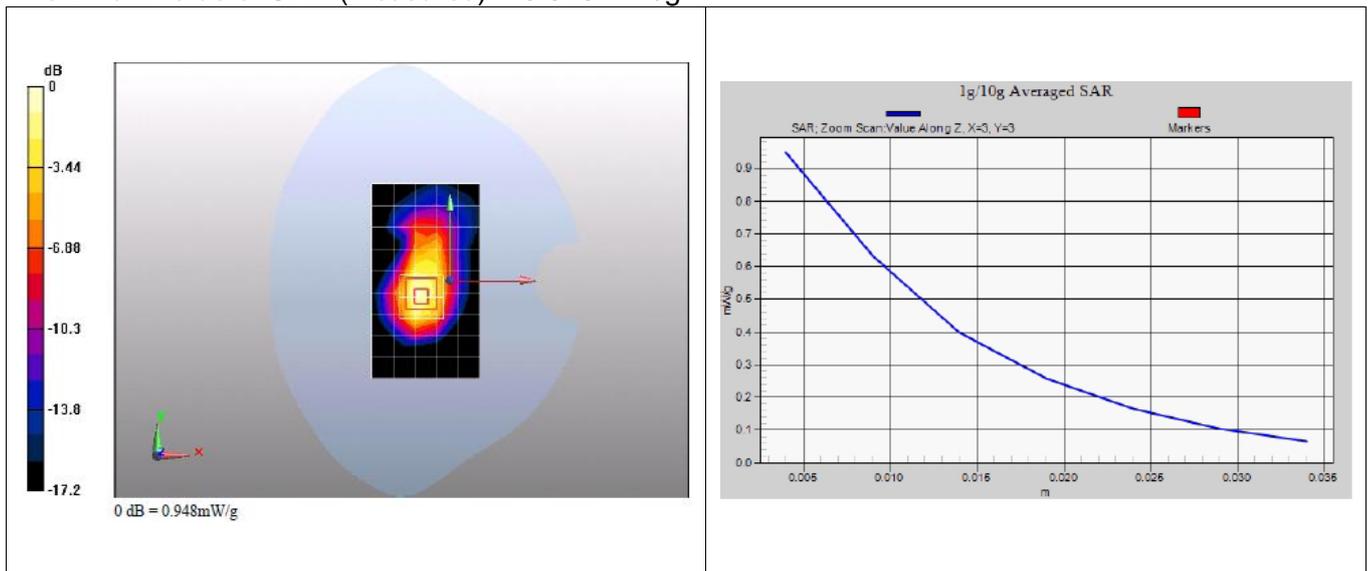
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.1 V/m; Power Drift = -0.097 dB

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.841 mW/g; SAR(10 g) = 0.478 mW/g

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



Test report no.: SYBH(Z-SAR)027062011-2

Date/Time: 6/20/2011 15:07:02, Date/Time: 6/20/2011 15:13:02

Test Laboratory: SAR Lab of Terminal Reliability Lab

E353s-81 GSM1900 GPRS 2TS 661CH Left side 5mm

DUT: E353s-81; Type: HSPA+ USB Stick; Serial: B7V2A11160100034

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

Probe: EX3DV4 - SN3736; ConvF(7.49, 7.65, 8.03); Calibrated: 11/16/2010

Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1236; Calibrated: 10/26/2010

Phantom: SAM3; Type: SAM; Serial: TP-1597

Measurement SW: 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) = 0.248 mW/g

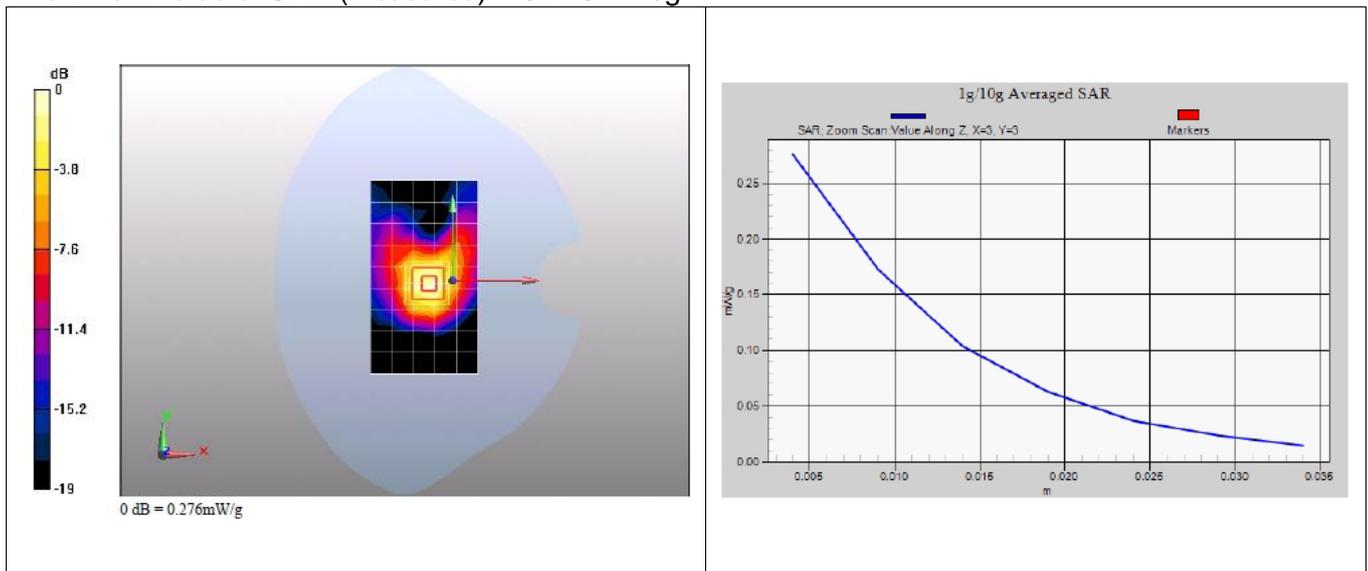
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.1 V/m; Power Drift = -0.171 dB

Peak SAR (extrapolated) = 0.391 W/kg

SAR(1 g) = 0.247 mW/g; SAR(10 g) = 0.135 mW/g

Maximum value of SAR (measured) = 0.276 mW/g



Test report no.: SYBH(Z-SAR)027062011-2

Date/Time: 6/20/2011 15:37:04, Date/Time: 6/20/2011 15:43:03

Test Laboratory: SAR Lab of Terminal Reliability Lab

E353s-81 GSM1900 GPRS 2TS 661CH Right side 5mm

DUT: E353s-81; Type: HSPA+ USB Stick; Serial: B7V2A11160100034

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

Probe: EX3DV4 - SN3736; ConvF(7.49, 7.65, 8.03); Calibrated: 11/16/2010

Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1236; Calibrated: 10/26/2010

Phantom: SAM3; Type: SAM; Serial: TP-1597

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

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.501 mW/g

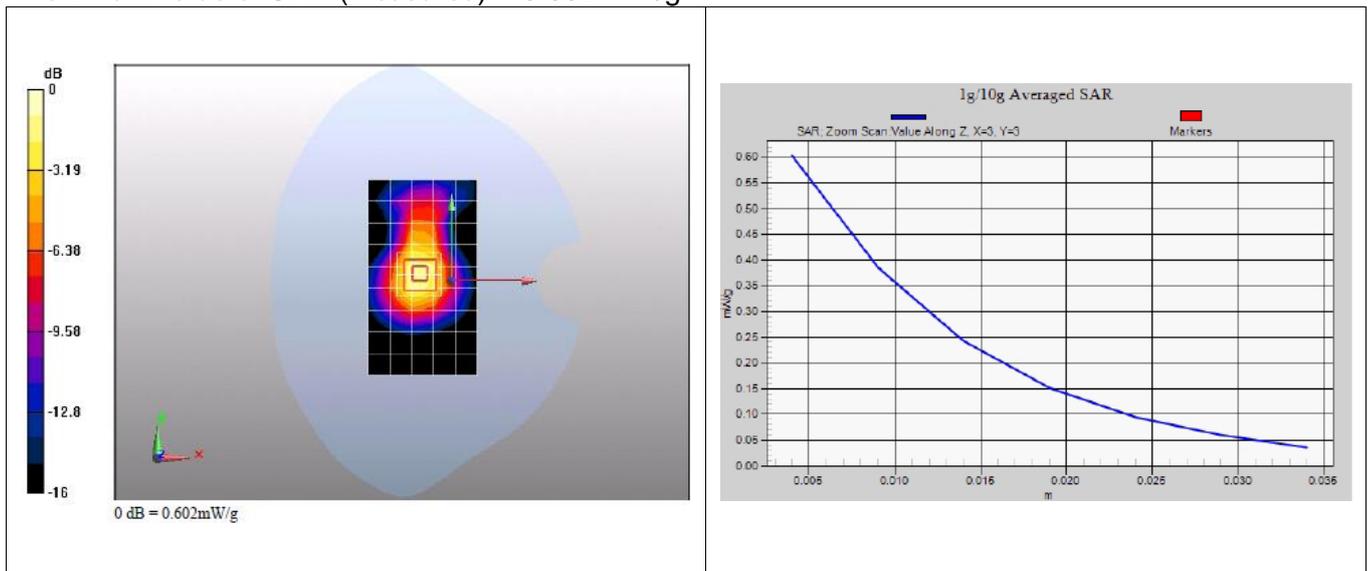
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.9 V/m; Power Drift = -0.014 dB

Peak SAR (extrapolated) = 0.831 W/kg

SAR(1 g) = 0.541 mW/g; SAR(10 g) = 0.309 mW/g

Maximum value of SAR (measured) = 0.602 mW/g



Test report no.: SYBH(Z-SAR)027062011-2

Date/Time: 6/21/2011 1:02:13, Date/Time: 6/21/2011 1:08:13

Test Laboratory: SAR Lab of Terminal Reliability Lab

E353s-81 GSM1900 GPRS 2TS 810CH Rear side 5mm

DUT: E353s-81; Type: HSPA+ USB Stick; Serial: B7V2A11160100034

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

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

Probe: EX3DV4 - SN3736; ConvF(7.49, 7.65, 8.03); Calibrated: 11/16/2010

Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1236; Calibrated: 10/26/2010

Phantom: SAM3; Type: SAM; Serial: TP-1597

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

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.896 mW/g

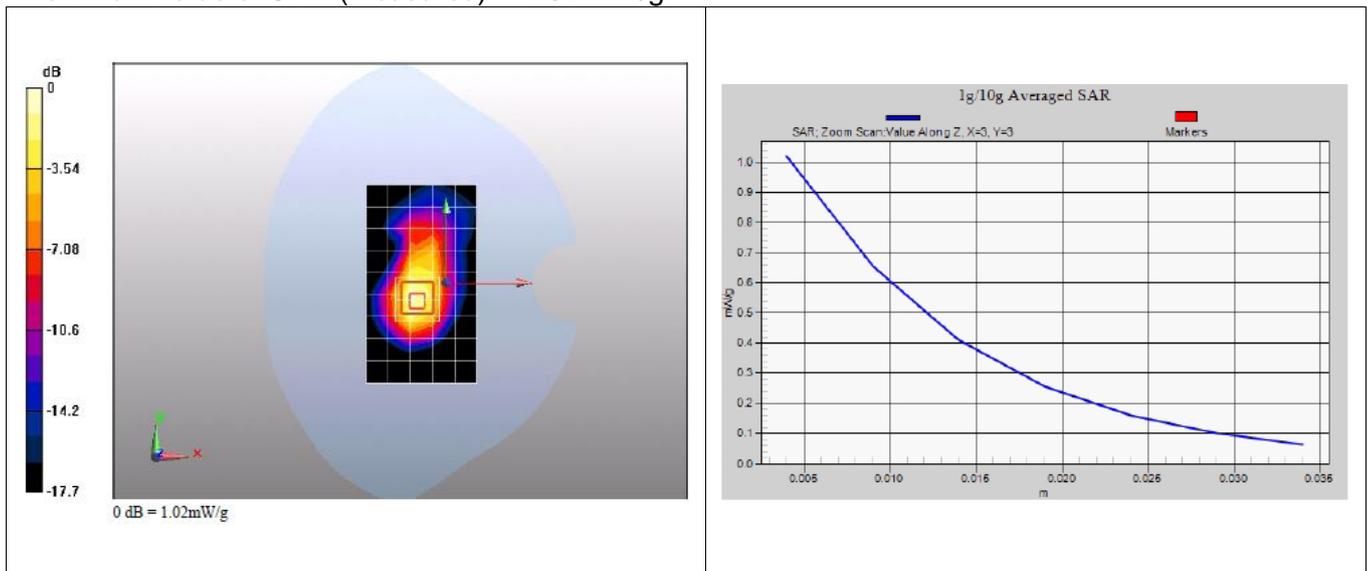
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.6 V/m; Power Drift = -0.00805 dB

Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.906 mW/g; SAR(10 g) = 0.500 mW/g

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



Test report no.: SYBH(Z-SAR)027062011-2

Date/Time: 6/21/2011 0:40:48, Date/Time: 6/21/2011 0:46:46

Test Laboratory: SAR Lab of Terminal Reliability Lab

E353s-81 GSM1900 GPRS 2TS 512CH Rear side 5mm

DUT: E353s-81; Type: HSPA+ USB Stick; Serial: B7V2A11160100034

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

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 51.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- . Probe: EX3DV4 - SN3736; ConvF(7.49, 7.65, 8.03); Calibrated: 11/16/2010
- . Sensor-Surface: 4mm (Mechanical Surface Detection)
- . Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- . Phantom: SAM3; Type: SAM; Serial: TP-1597
- . Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/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

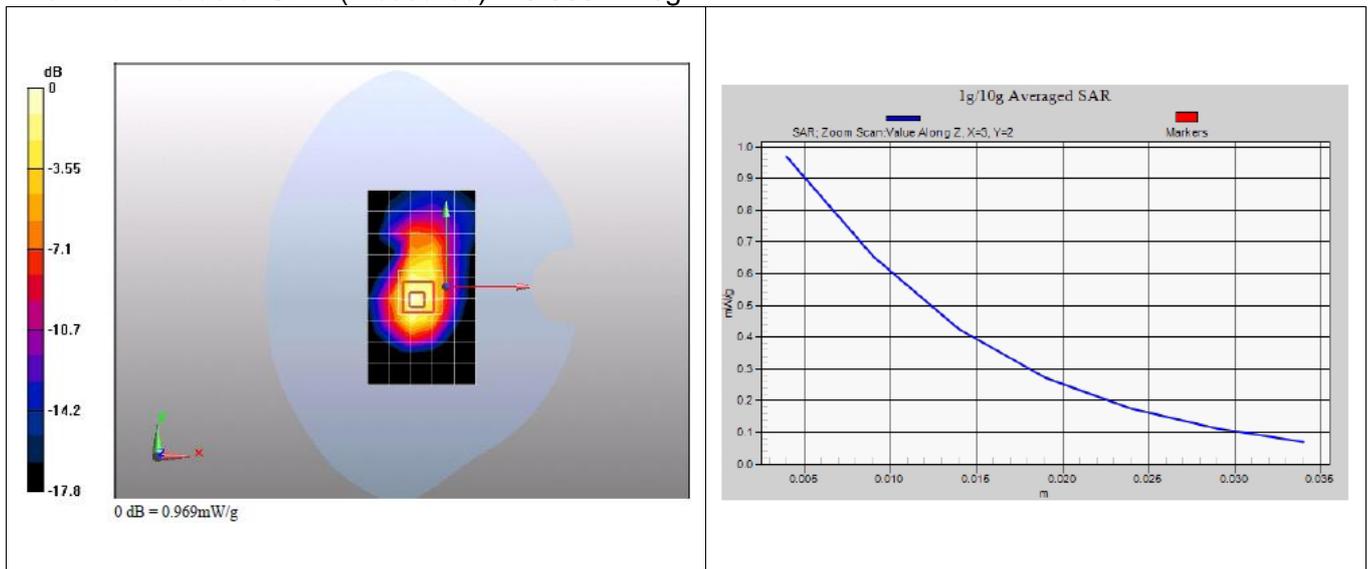
Reference Value = 25 V/m; Power Drift = 0.00285 dB

Peak SAR (extrapolated) = 1.3 W/kg

SAR(1 g) = 0.875 mW/g; SAR(10 g) = 0.503 mW/g

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

Maximum value of SAR (measured) = 0.969 mW/g



Test report no.: SYBH(Z-SAR)027062011-2

Date/Time: 6/21/2011 1:45:18, Date/Time: 6/21/2011 1:51:16

Test Laboratory: SAR Lab of Terminal Reliability Lab

E353s-81 GSM1900 EGPRS 1TS 661CH Rear side 5mm

DUT: E353s-81; Type: HSPA+ USB Stick; Serial: B7V2A11160100034

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.49, 7.65, 8.03); Calibrated: 11/16/2010

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010

- Phantom: SAM3; Type: SAM; Serial: TP-1597

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

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.730 mW/g

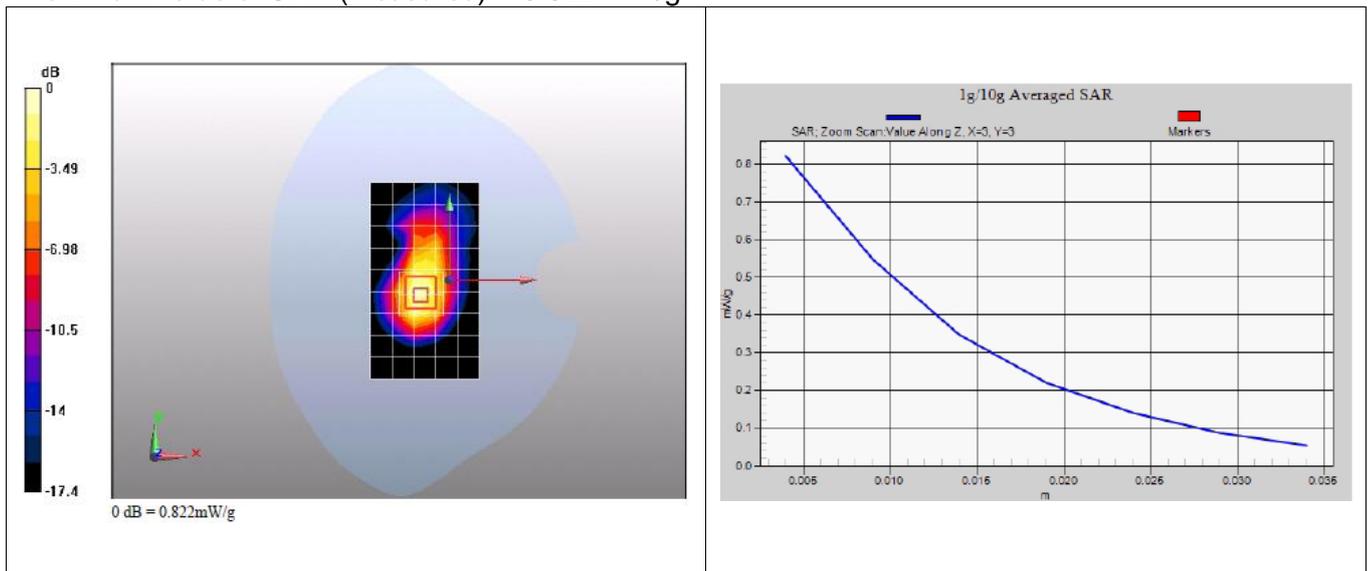
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.3 V/m; Power Drift = -0.035 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.730 mW/g; SAR(10 g) = 0.412 mW/g

Maximum value of SAR (measured) = 0.822 mW/g



Test report no.: SYBH(Z-SAR)027062011-2

Date/Time: 6/21/2011 2:06:41, Date/Time: 6/21/2011 2:12:41

Test Laboratory: SAR Lab of Terminal Reliability Lab

E353s-81 GSM1900 EGPRS 2TS 661CH Rear side 5mm

DUT: E353s-81; Type: HSPA+ USB Stick; Serial: B7V2A11160100034

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

Probe: EX3DV4 - SN3736; ConvF(7.49, 7.65, 8.03); Calibrated: 11/16/2010

Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1236; Calibrated: 10/26/2010

Phantom: SAM3; Type: SAM; Serial: TP-1597

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

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

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

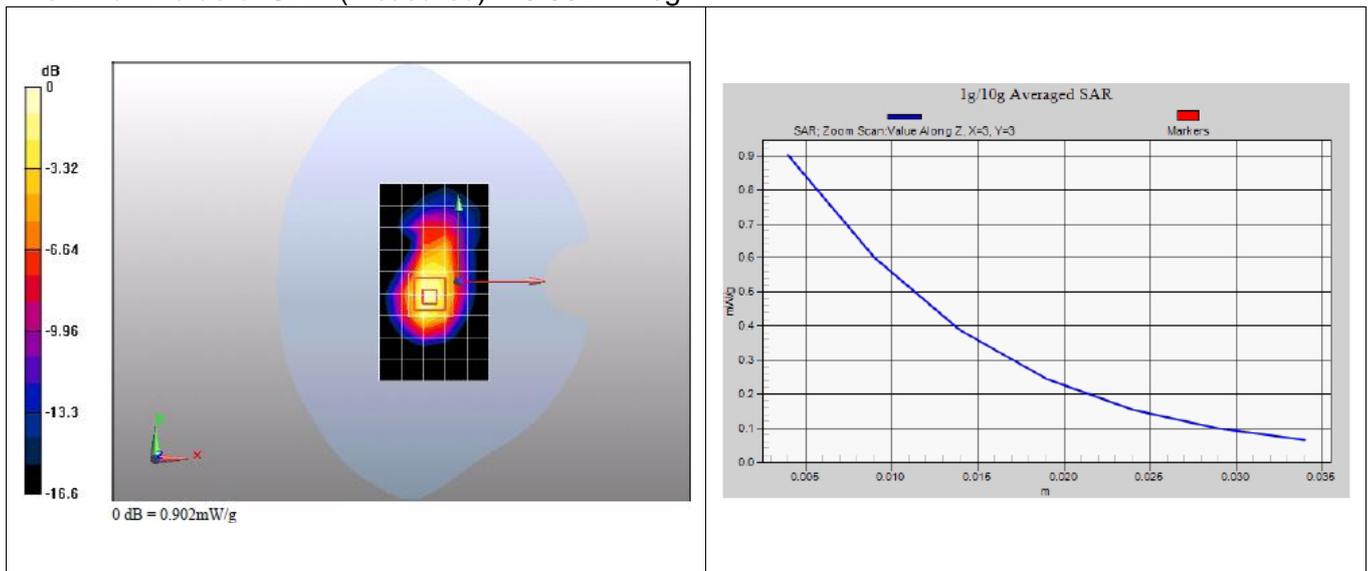
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.6 V/m; Power Drift = -0.121 dB

Peak SAR (extrapolated) = 1.2 W/kg

SAR(1 g) = 0.805 mW/g; SAR(10 g) = 0.458 mW/g

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



Test report no.: SYBH(Z-SAR)027062011-2

Date/Time: 6/21/2011 3:31:38, Date/Time: 6/21/2011 3:37:37

Test Laboratory: SAR Lab of Terminal Reliability Lab

E353s-81 GSM1900 EGPRS 3TS 661CH Rear side 5mm

DUT: E353s-81; Type: HSPA+ USB Stick; Serial: B7V2A11160100034

Communication System: HW -GSM/GPRS/EDGE 3TS; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

· Probe: EX3DV4 - SN3736; ConvF(7.49, 7.65, 8.03); Calibrated: 11/16/2010

· Sensor-Surface: 4mm (Mechanical Surface Detection)

· Electronics: DAE4 Sn1236; Calibrated: 10/26/2010

· Phantom: SAM3; Type: SAM; Serial: TP-1597

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

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.670 mW/g

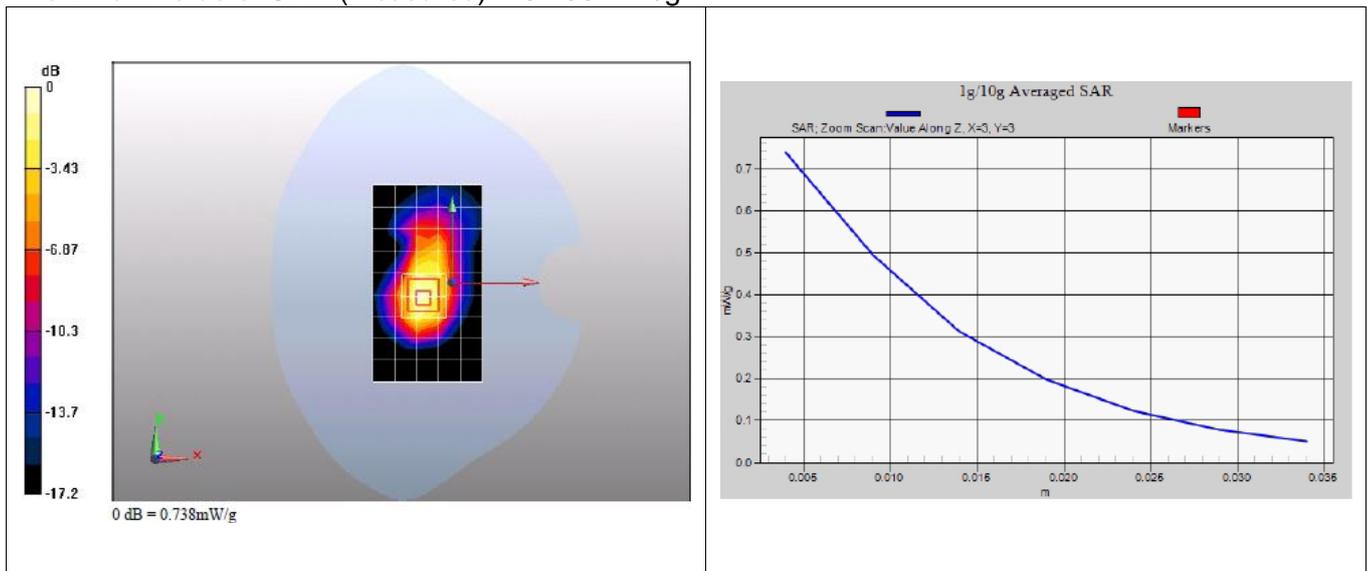
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.7 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 0.991 W/kg

SAR(1 g) = 0.661 mW/g; SAR(10 g) = 0.375 mW/g

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



Test report no.: SYBH(Z-SAR)027062011-2

Date/Time: 6/21/2011 7:11:35, Date/Time: 6/21/2011 7:17:33

Test Laboratory: SAR Lab of Terminal Reliability Lab

E353s-81 GSM1900 EGPRS 4TS 661CH Rear side 5mm

DUT: E353s-81; Type: HSPA+ USB Stick; Serial: B7V2A11160100034

Communication System: HW -GSM/GPRS/EDGE 3TS; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

Probe: EX3DV4 - SN3736; ConvF(7.49, 7.65, 8.03); Calibrated: 11/16/2010

Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1236; Calibrated: 10/26/2010

Phantom: SAM3; Type: SAM; Serial: TP-1597

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

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.674 mW/g

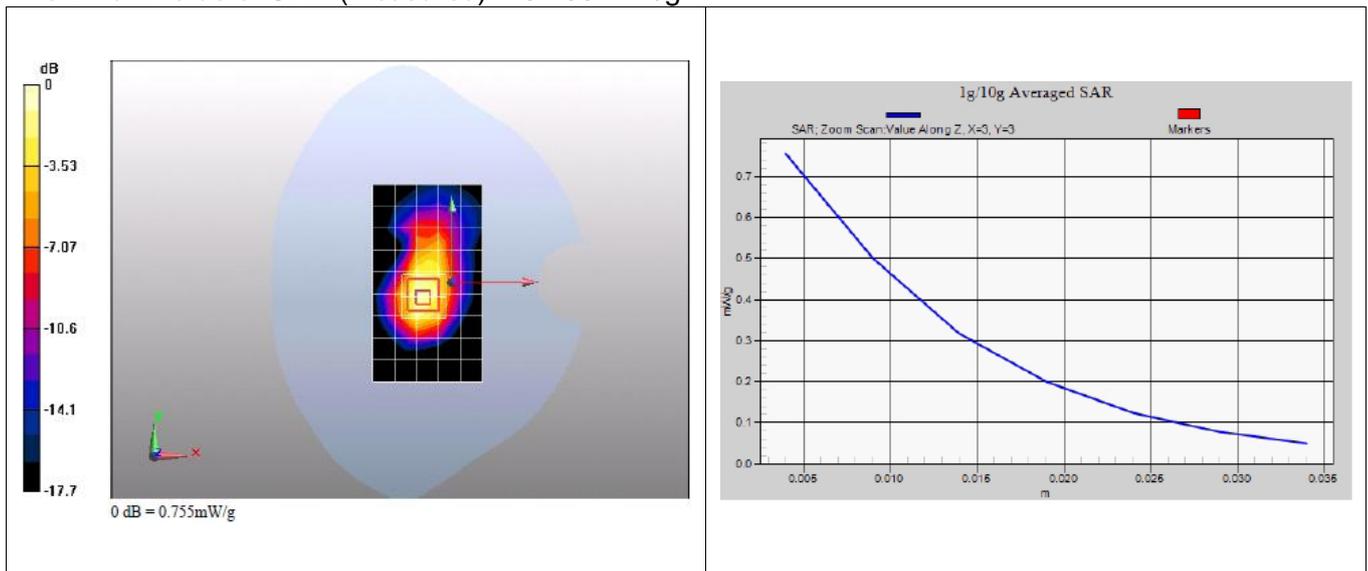
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.6 V/m; Power Drift = -0.012 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.675 mW/g; SAR(10 g) = 0.382 mW/g

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



Test report no.: SYBH(Z-SAR)027062011-2

Date/Time: 6/21/2011 3:04:51, Date/Time: 6/21/2011 3:10:51

Test Laboratory: SAR Lab of Terminal Reliability Lab

E353s-81 GSM1900 EGPRS 2TS 810CH Rear side 5mm

DUT: E353s-81; Type: HSPA+ USB Stick; Serial: B7V2A11160100034

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

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

Probe: EX3DV4 - SN3736; ConvF(7.49, 7.65, 8.03); Calibrated: 11/16/2010

Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1236; Calibrated: 10/26/2010

Phantom: SAM3; Type: SAM; Serial: TP-1597

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

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

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

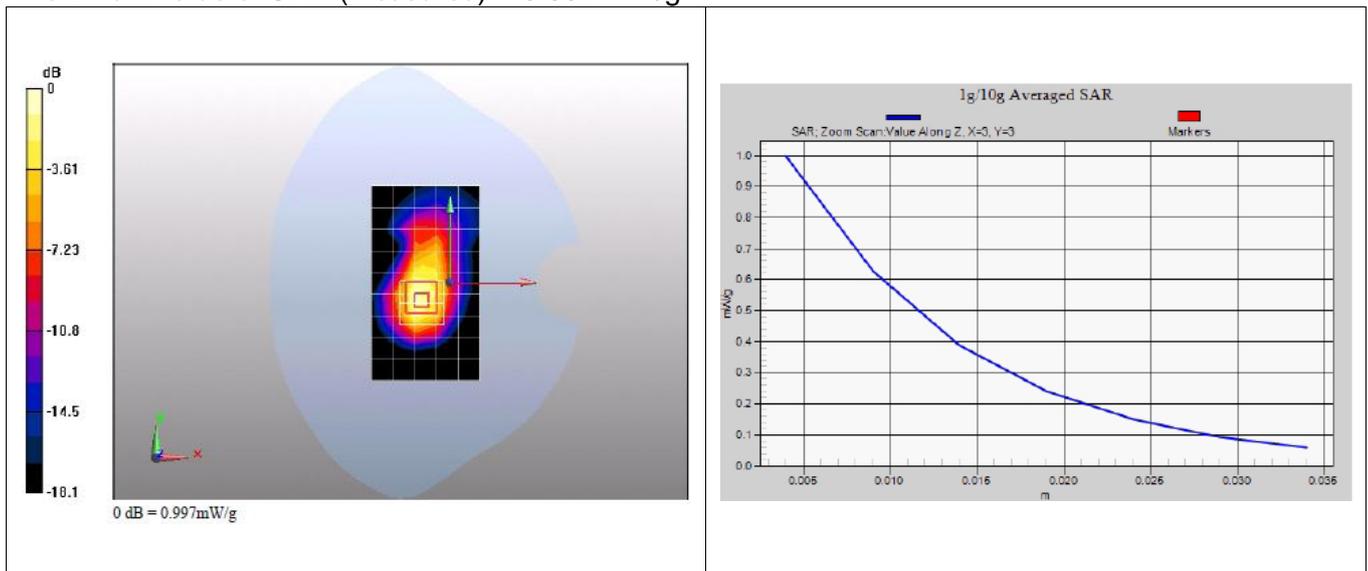
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.5 V/m; Power Drift = -0.062 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.893 mW/g; SAR(10 g) = 0.492 mW/g

Maximum value of SAR (measured) = 0.997 mW/g



Date/Time: 6/21/2011 2:28:48, Date/Time: 6/21/2011 2:49:13

Test Laboratory: SAR Lab of Terminal Reliability Lab

E353s-81 GSM1900 EGPRS 2TS 512CH Rear side 5mm

DUT: E353s-81; Type: HSPA+ USB Stick; Serial: B7V2A11160100034

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

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 51.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

Probe: EX3DV4 - SN3736; ConvF(7.49, 7.65, 8.03); Calibrated: 11/16/2010

Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1236; Calibrated: 10/26/2010

Phantom: SAM3; Type: SAM; Serial: TP-1597

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

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.853 mW/g

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

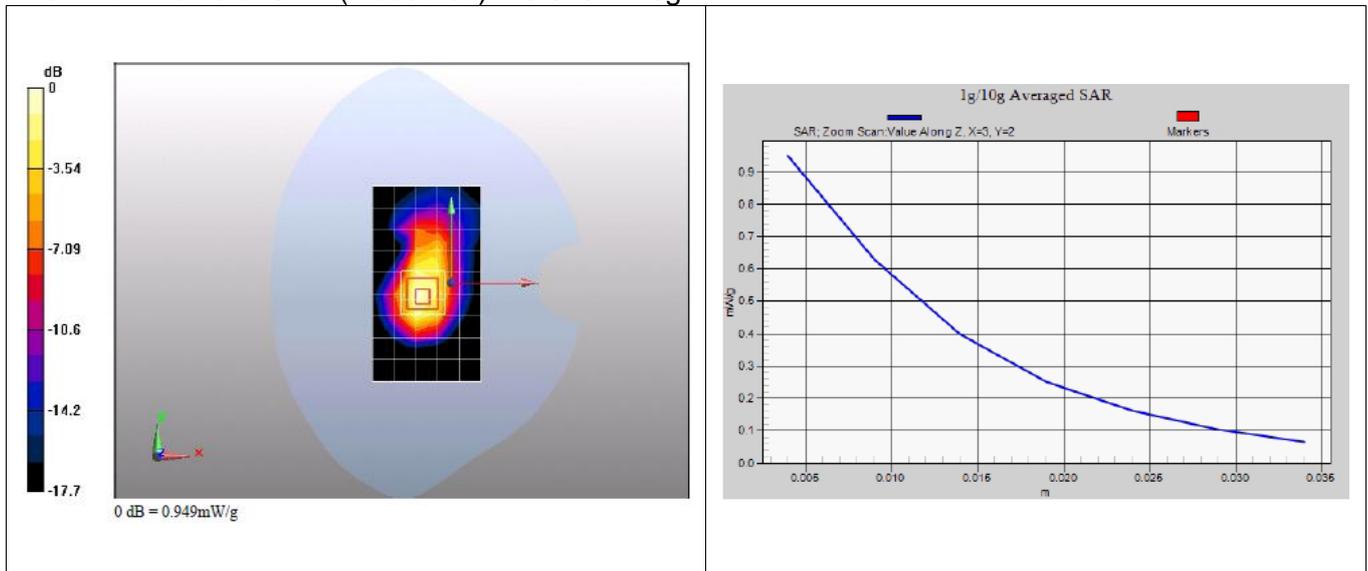
Reference Value = 24.6 V/m; Power Drift = 0.043 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.849 mW/g; SAR(10 g) = 0.488 mW/g

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

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



Annex 2.3 WCDMA 1900MHz body

Date/Time: 6/19/2011 18:53:27, Date/Time: 6/19/2011 18:59:26

Test Laboratory: SAR Lab of Terminal Reliability Lab

E353s-81 WCDMA1900 9400CH Front side 5mm

DUT: E353s-81; Type: HSPA+ USB Stick; Serial: B7V2A11160100034

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

Probe: EX3DV4 - SN3736; ConvF(7.49, 7.65, 8.03); Calibrated: 11/16/2010

Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1236; Calibrated: 10/26/2010

Phantom: SAM3; Type: SAM; Serial: TP-1597

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

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.388 mW/g

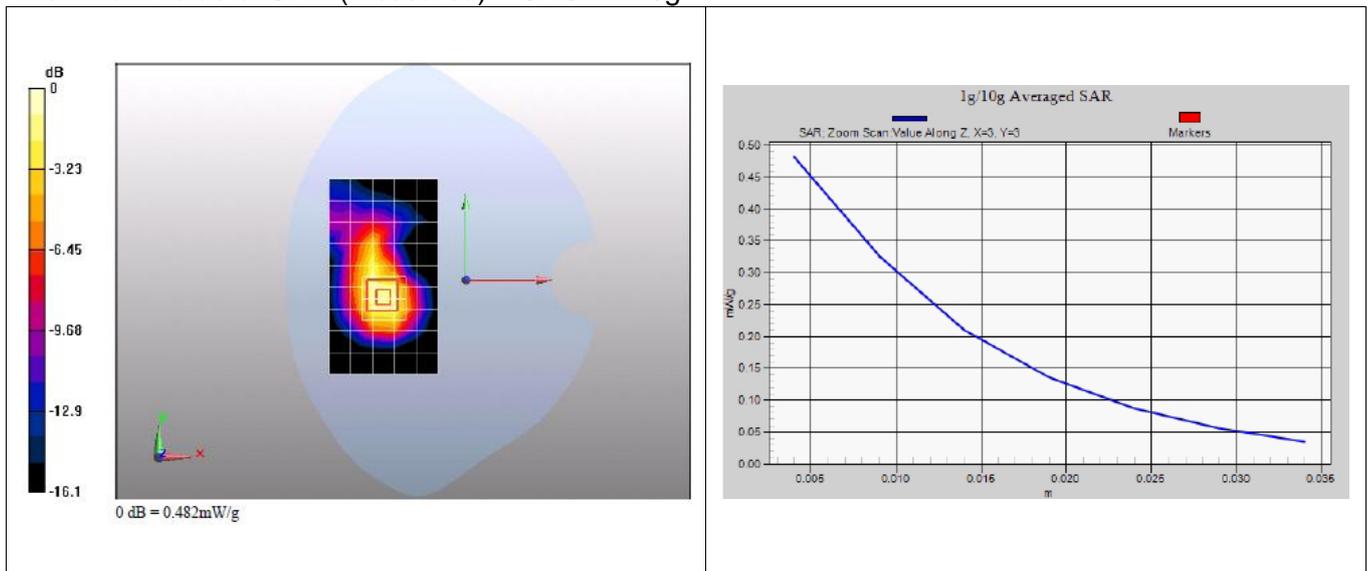
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.84 V/m; Power Drift = -0.036 dB

Peak SAR (extrapolated) = 0.633 W/kg

SAR(1 g) = 0.432 mW/g; SAR(10 g) = 0.255 mW/g

Maximum value of SAR (measured) = 0.482 mW/g



Test report no.: SYBH(Z-SAR)027062011-2

Date/Time: 6/19/2011 18:11:44, Date/Time: 6/19/2011 18:17:42

Test Laboratory: SAR Lab of Terminal Reliability Lab

E353s-81 WCDMA1900 9400CH Rear side 5mm

DUT: E353s-81; Type: HSPA+ USB Stick; Serial: B7V2A11160100034

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

· Probe: EX3DV4 - SN3736; ConvF(7.49, 7.65, 8.03); Calibrated: 11/16/2010

· Sensor-Surface: 4mm (Mechanical Surface Detection)

· Electronics: DAE4 Sn1236; Calibrated: 10/26/2010

· Phantom: SAM3; Type: SAM; Serial: TP-1597

· Measurement SW: 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) = 0.576 mW/g

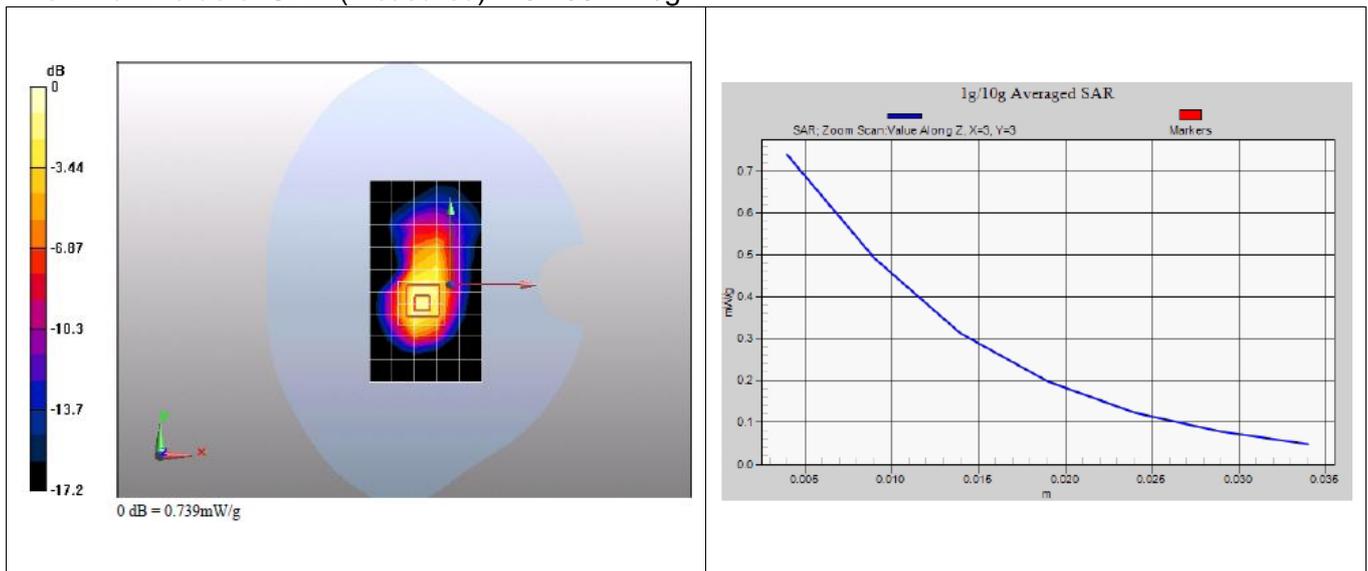
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.4 V/m; Power Drift = -0.026 dB

Peak SAR (extrapolated) = 0.978 W/kg

SAR(1 g) = 0.652 mW/g; SAR(10 g) = 0.369 mW/g

Maximum value of SAR (measured) = 0.739 mW/g



Test report no.: SYBH(Z-SAR)027062011-2

Date/Time: 6/19/2011 19:46:08, Date/Time: 6/19/2011 19:52:06

Test Laboratory: SAR Lab of Terminal Reliability Lab

E353s-81 WCDMA1900 9400CH Left side 5mm

DUT: E353s-81; Type: HSPA+ USB Stick; Serial: B7V2A11160100034

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

Probe: EX3DV4 - SN3736; ConvF(7.49, 7.65, 8.03); Calibrated: 11/16/2010

Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1236; Calibrated: 10/26/2010

Phantom: SAM3; Type: SAM; Serial: TP-1597

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

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.195 mW/g

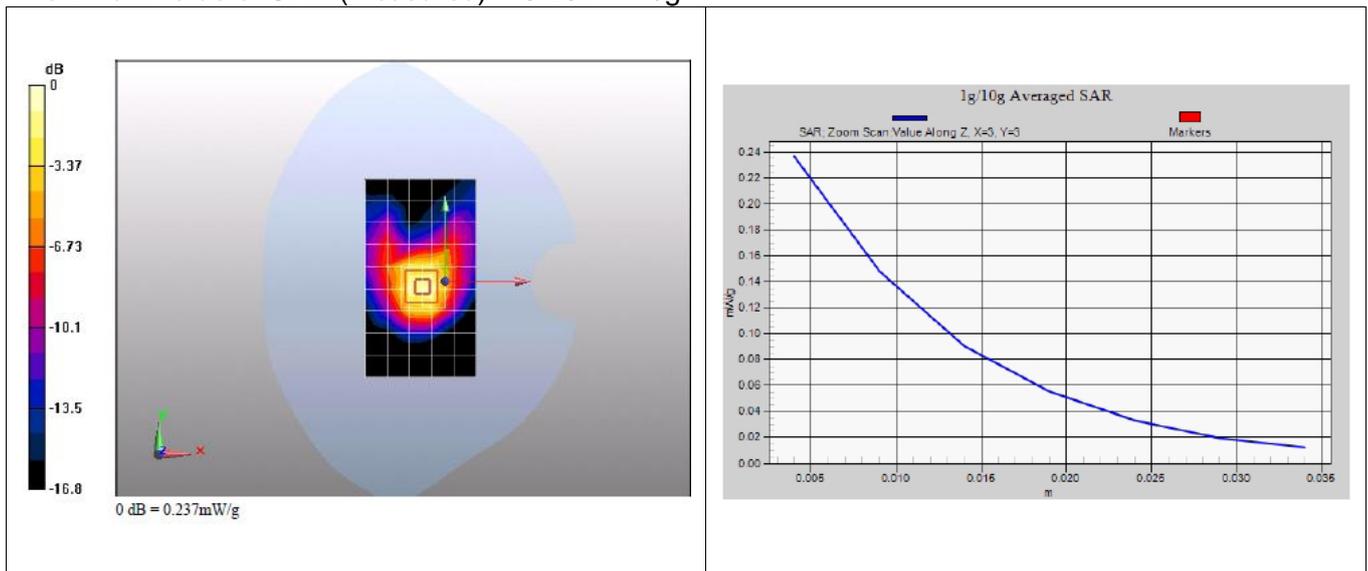
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.4 V/m; Power Drift = -0.028 dB

Peak SAR (extrapolated) = 0.328 W/kg

SAR(1 g) = 0.209 mW/g; SAR(10 g) = 0.116 mW/g

Maximum value of SAR (measured) = 0.237 mW/g



Test report no.: SYBH(Z-SAR)027062011-2

Date/Time: 6/19/2011 19:20:29, Date/Time: 6/19/2011 19:26:27

Test Laboratory: SAR Lab of Terminal Reliability Lab

E353s-81 WCDMA1900 9400CH Right side 5mm

DUT: E353s-81; Type: HSPA+ USB Stick; Serial: B7V2A11160100034

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.49, 7.65, 8.03); Calibrated: 11/16/2010

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010

- Phantom: SAM3; Type: SAM; Serial: TP-1597

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

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.547 mW/g

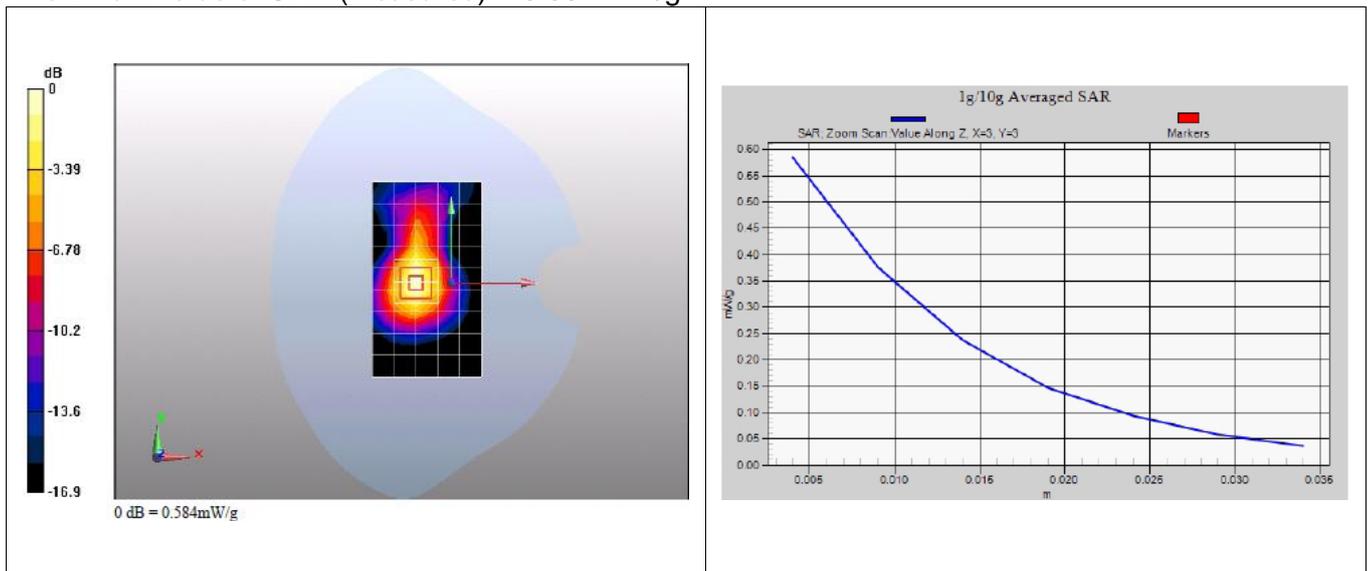
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.9 V/m; Power Drift = 0.087 dB

Peak SAR (extrapolated) = 0.808 W/kg

SAR(1 g) = 0.523 mW/g; SAR(10 g) = 0.297 mW/g

Maximum value of SAR (measured) = 0.584 mW/g



Test report no.: SYBH(Z-SAR)027062011-2

Date/Time: 6/19/2011 20:30:25, Date/Time: 6/19/2011 20:36:24

Test Laboratory: SAR Lab of Terminal Reliability Lab

E353s-81 WCDMA1900 9538CH Rear side 5mm

DUT: E353s-81; Type: HSPA+ USB Stick; Serial: B7V2A11160100034

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

Medium parameters used: $f = 1908$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 51.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

· Probe: EX3DV4 - SN3736; ConvF(7.49, 7.65, 8.03); Calibrated: 11/16/2010

· Sensor-Surface: 4mm (Mechanical Surface Detection)

· Electronics: DAE4 Sn1236; Calibrated: 10/26/2010

· Phantom: SAM3; Type: SAM; Serial: TP-1597

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

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.946 mW/g

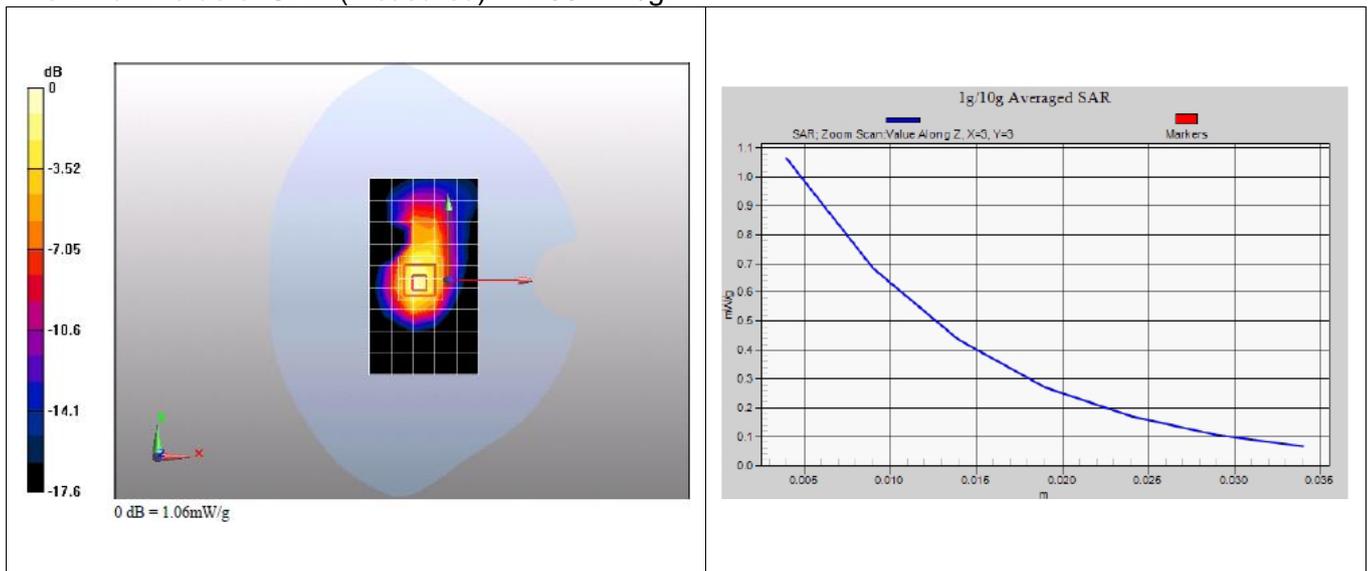
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.9 V/m; Power Drift = 0.035 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.952 mW/g; SAR(10 g) = 0.522 mW/g

Maximum value of SAR (measured) = 1.06 mW/g



Test report no.: SYBH(Z-SAR)027062011-2

Date/Time: 6/19/2011 20:09:17, Date/Time: 6/19/2011 20:15:15

Test Laboratory: SAR Lab of Terminal Reliability Lab

E353s-81 WCDMA1900 9262CH Rear side 5mm

DUT: E353s-81; Type: HSPA+ USB Stick; Serial: B7V2A11160100034

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

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

Probe: EX3DV4 - SN3736; ConvF(7.49, 7.65, 8.03); Calibrated: 11/16/2010

Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1236; Calibrated: 10/26/2010

Phantom: SAM3; Type: SAM; Serial: TP-1597

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

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.560 mW/g

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

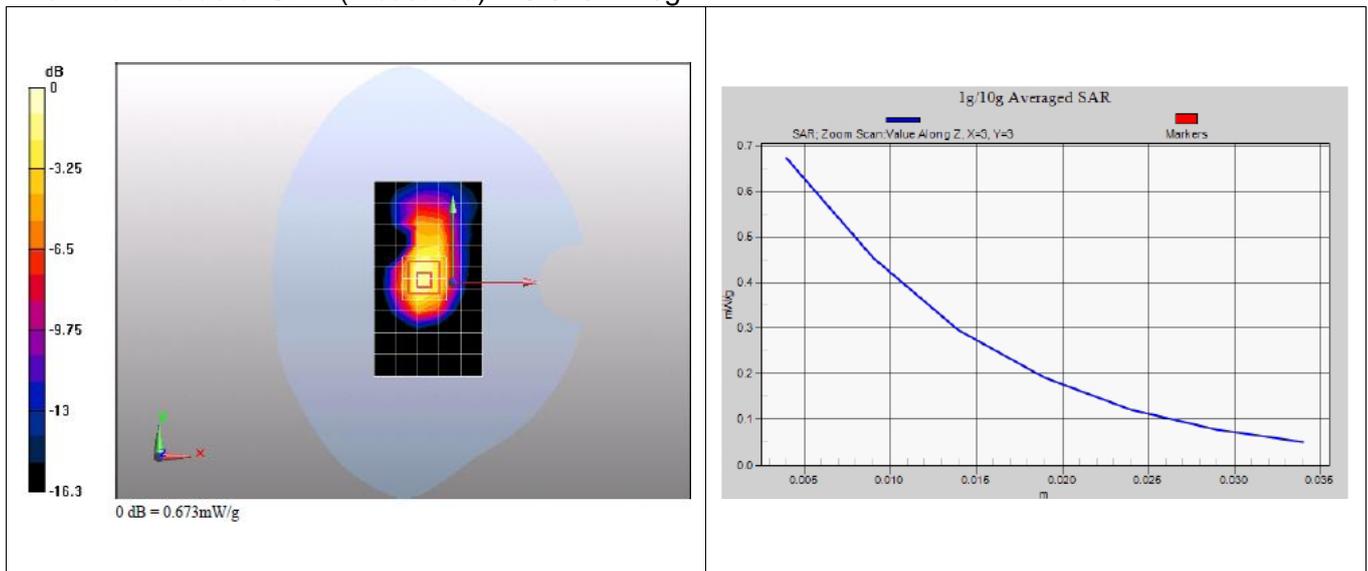
Reference Value = 21.2 V/m; Power Drift = 0.00589 dB

Peak SAR (extrapolated) = 0.887 W/kg

SAR(1 g) = 0.599 mW/g; SAR(10 g) = 0.346 mW/g

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

Maximum value of SAR (measured) = 0.673 mW/g



Test report no.: SYBH(Z-SAR)027062011-2

Date/Time: 6/19/2011 20:52:11, Date/Time: 6/19/2011 20:58:09

Test Laboratory: SAR Lab of Terminal Reliability Lab

E353s-81 WCDMA1900 9538CH Rear side 5mm with HSDPA

DUT: E353s-81; Type: HSPA+ USB Stick; Serial: B7V2A11160100034

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

Medium parameters used: $f = 1908$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 51.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.49, 7.65, 8.03); Calibrated: 11/16/2010

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010

- Phantom: SAM3; Type: SAM; Serial: TP-1597

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

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.930 mW/g

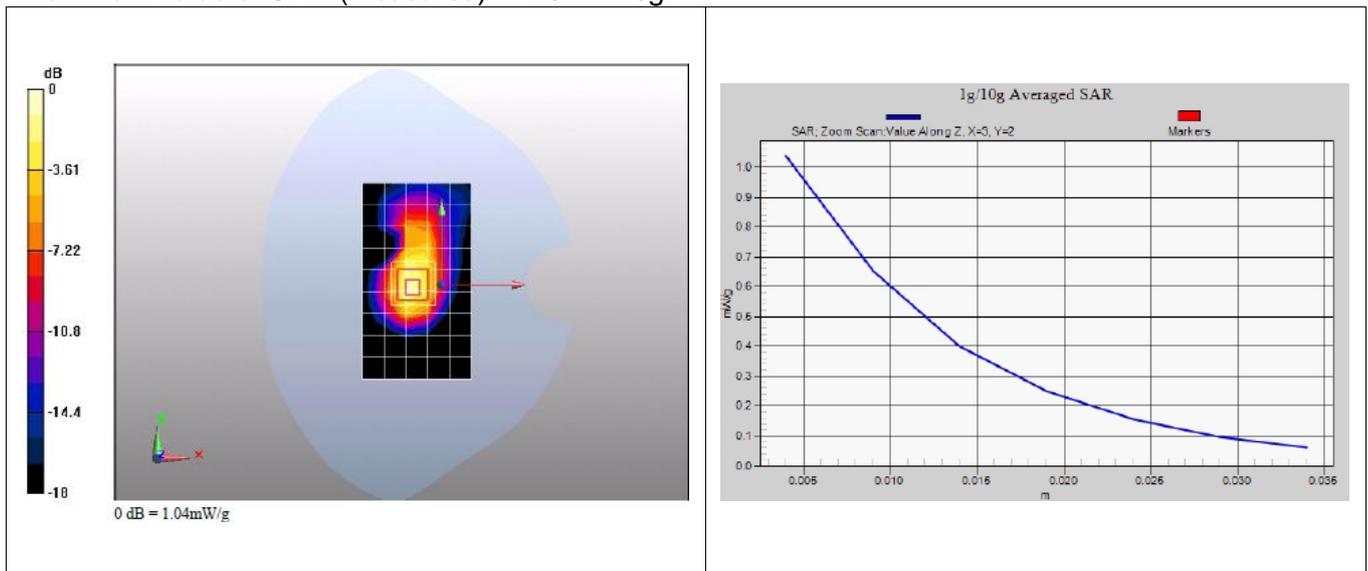
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.5 V/m; Power Drift = 0.023 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 0.929 mW/g; SAR(10 g) = 0.508 mW/g

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



Test report no.: SYBH(Z-SAR)027062011-2

Date/Time: 6/21/2011 9:19:55, Date/Time: 6/21/2011 9:25:55

Test Laboratory: SAR Lab of Terminal Reliability Lab

E353s-81 WCDMA1900 9538CH Rear side 5mm with HSUPA

DUT: E353s-81; Type: HSPA+ USB Stick; Serial: B7V2A11160100034

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

Medium parameters used: $f = 1908$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.49, 7.65, 8.03); Calibrated: 11/16/2010

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010

- Phantom: SAM3; Type: SAM; Serial: TP-1597

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

Configuration/Body/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.461 mW/g

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

Reference Value = 19.8 V/m; Power Drift = -0.164 dB

Peak SAR (extrapolated) = 0.884 W/kg

SAR(1 g) = 0.550 mW/g; SAR(10 g) = 0.300 mW/g

Maximum value of SAR (measured) = 0.616 mW/g

