



Appendix B. SAR Measurement Plots

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Test Laboratory: HUAWEI SAR Lab

E352Ls-5 GSM850 GPRS 1TS 190CH Back Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(6.03, 6.03, 6.03); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.520 mW/g

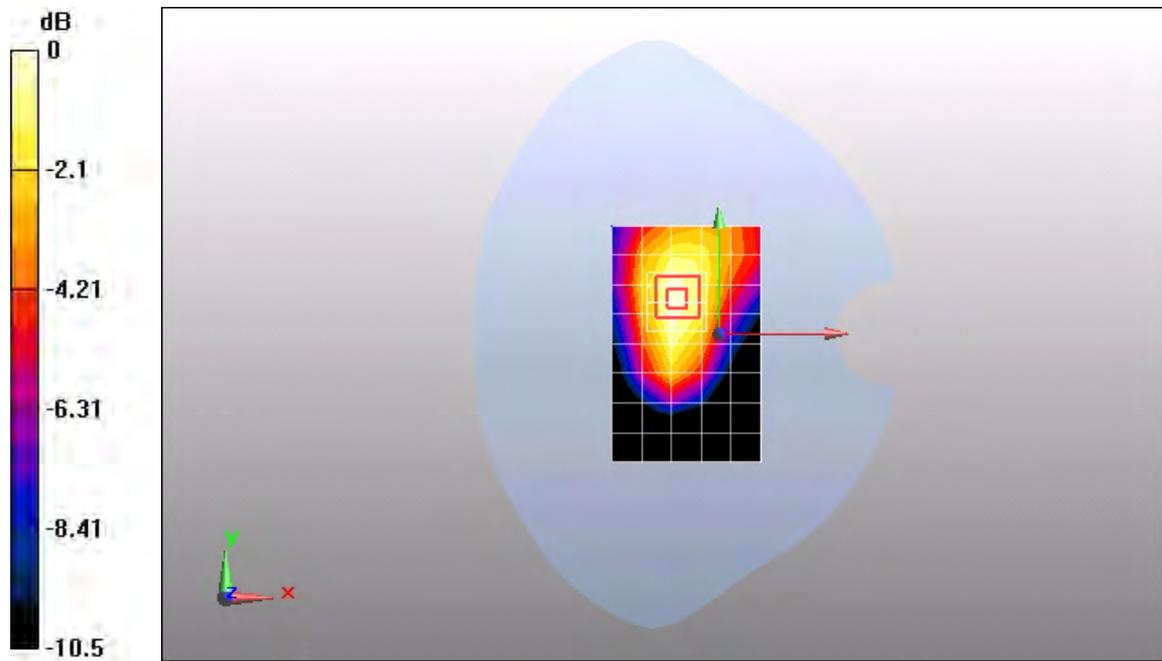
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.2 V/m; Power Drift = 0.022 dB

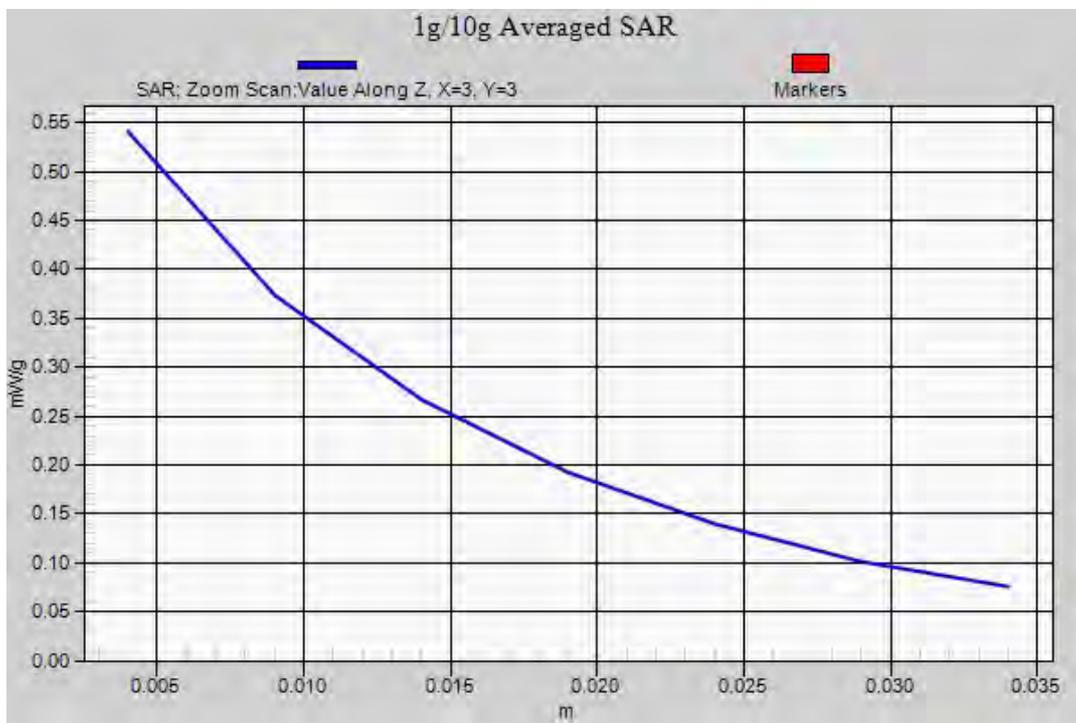
Peak SAR (extrapolated) = 0.734 W/kg

SAR(1 g) = 0.503 mW/g; SAR(10 g) = 0.336 mW/g

Maximum value of SAR (measured) = 0.541 mW/g



0 dB = 0.541mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 GSM850 GPRS 2TS 190CH Back Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(6.03, 6.03, 6.03); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

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

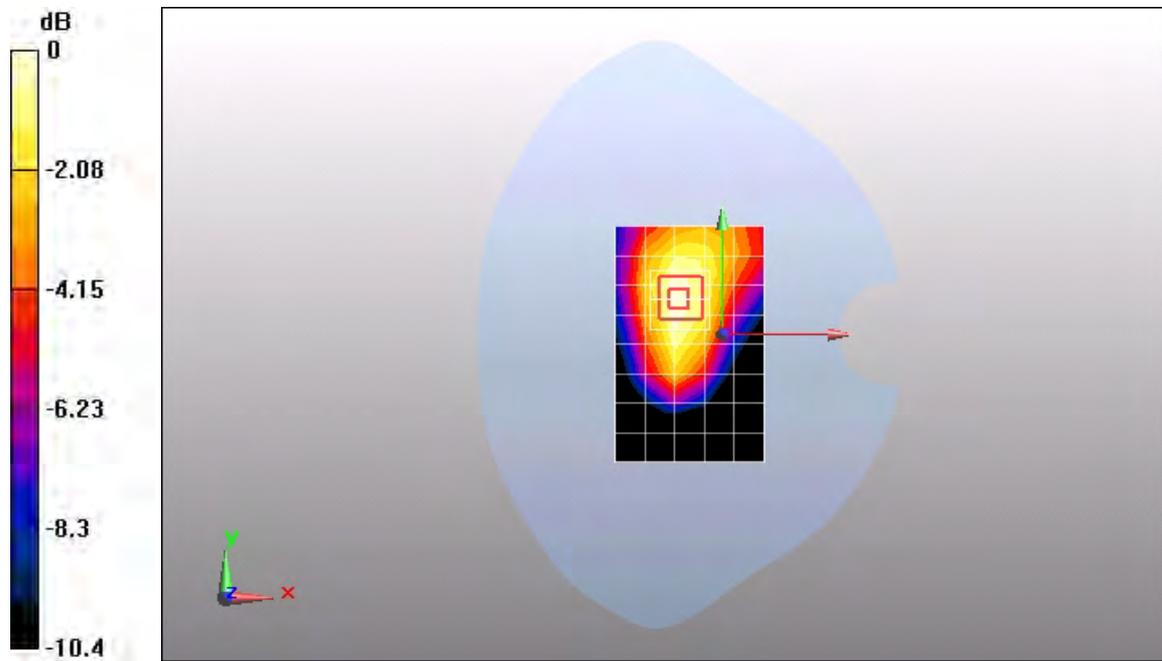
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.4 V/m; Power Drift = -0.079 dB

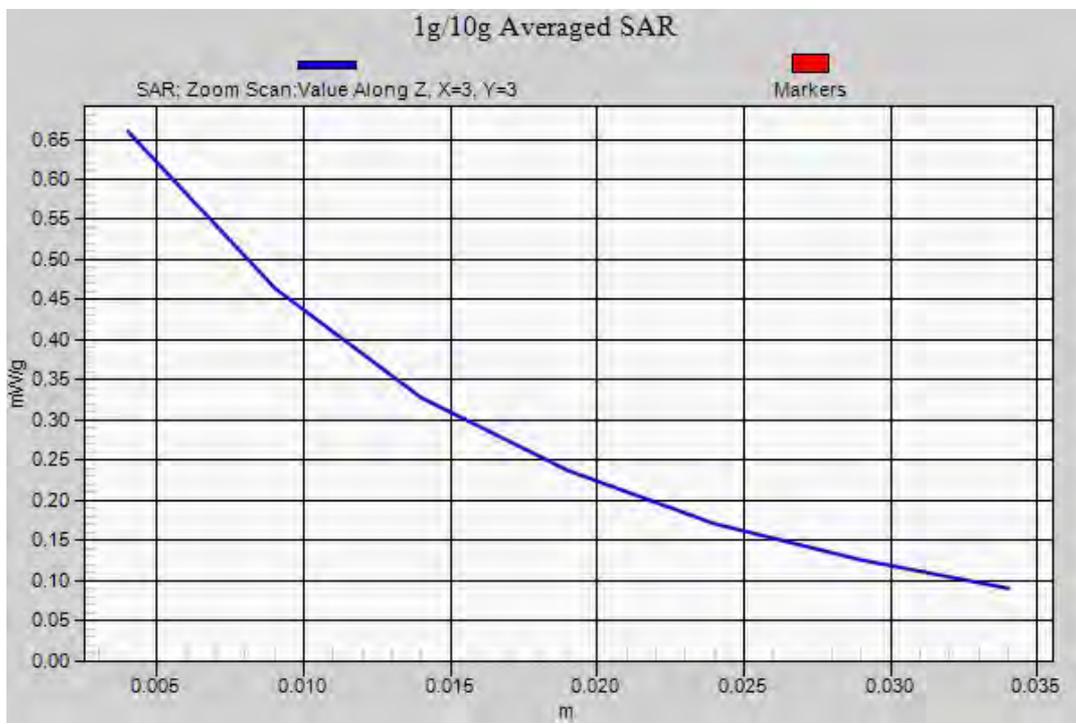
Peak SAR (extrapolated) = 0.896 W/kg

SAR(1 g) = 0.617 mW/g; SAR(10 g) = 0.413 mW/g

Maximum value of SAR (measured) = 0.659 mW/g



0 dB = 0.659mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 GSM850 GPRS 3TS 190CH Back Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(6.03, 6.03, 6.03); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.588 mW/g

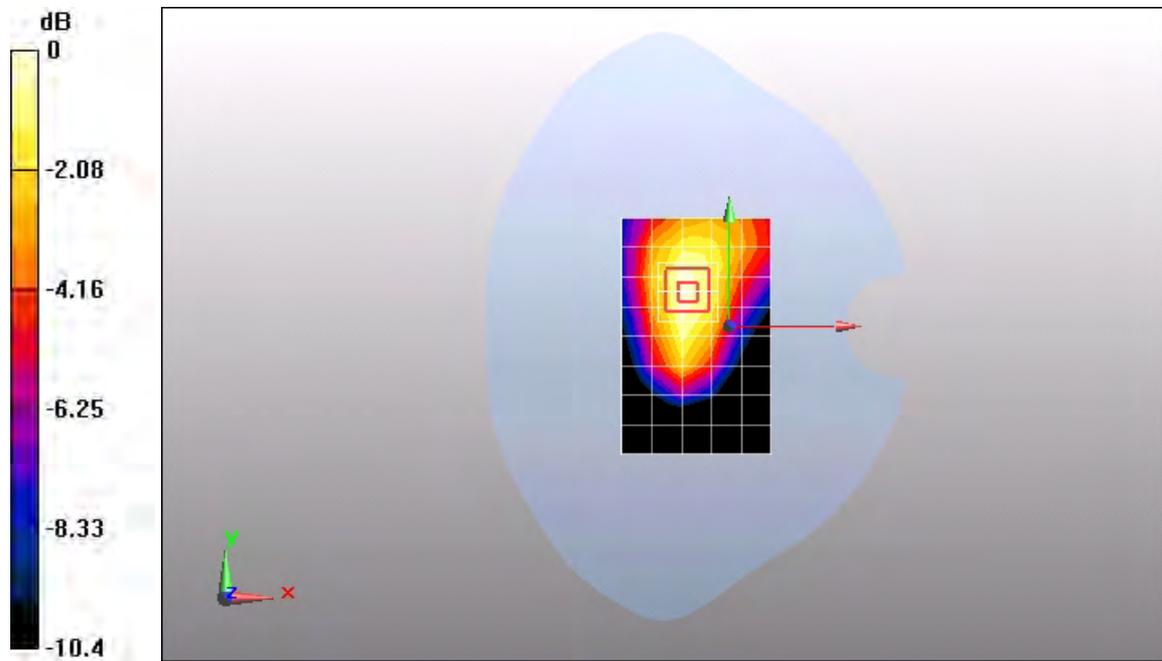
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.4 V/m; Power Drift = 0.099 dB

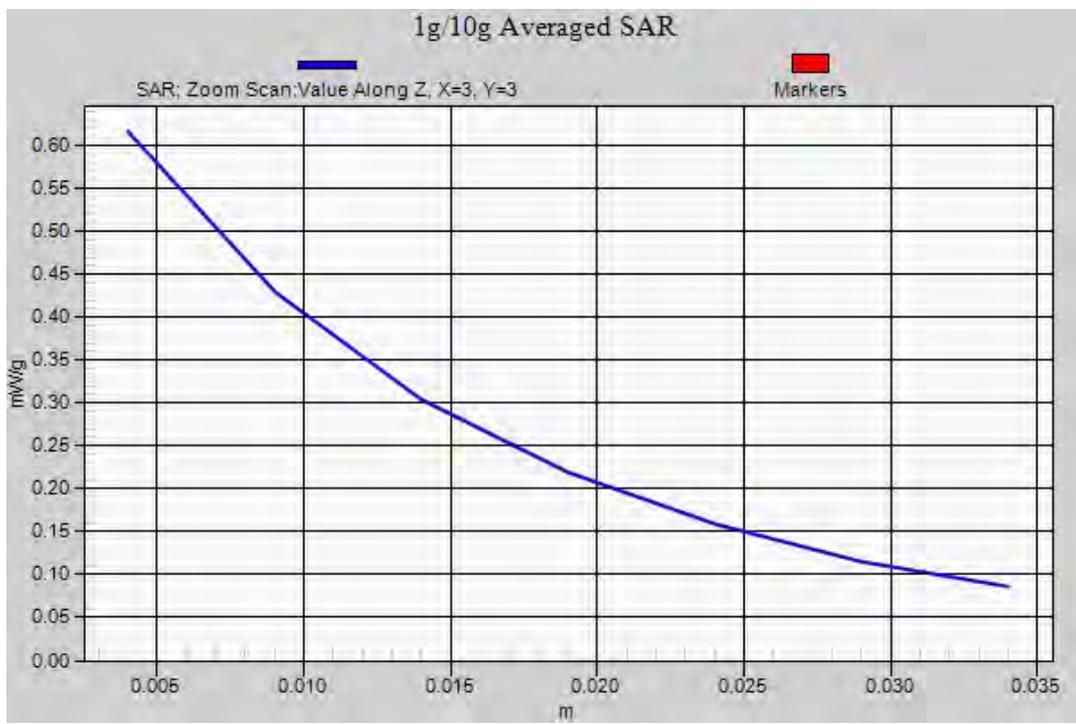
Peak SAR (extrapolated) = 0.839 W/kg

SAR(1 g) = 0.575 mW/g; SAR(10 g) = 0.385 mW/g

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



0 dB = 0.616mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 GSM850 GPRS 4TS 190CH Back Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(6.03, 6.03, 6.03); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.472 mW/g

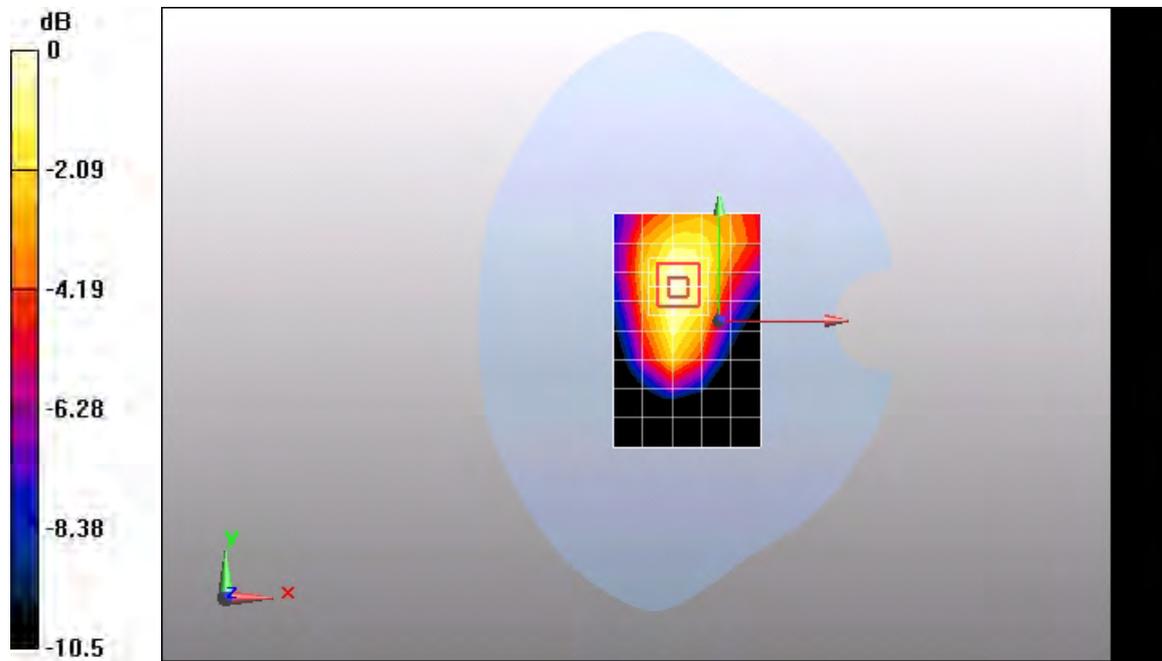
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.6 V/m; Power Drift = -0.051 dB

Peak SAR (extrapolated) = 0.670 W/kg

SAR(1 g) = 0.463 mW/g; SAR(10 g) = 0.309 mW/g

Maximum value of SAR (measured) = 0.496 mW/g



0 dB = 0.496mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 GSM850 GPRS 2TS 190CH Front Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(6.03, 6.03, 6.03); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

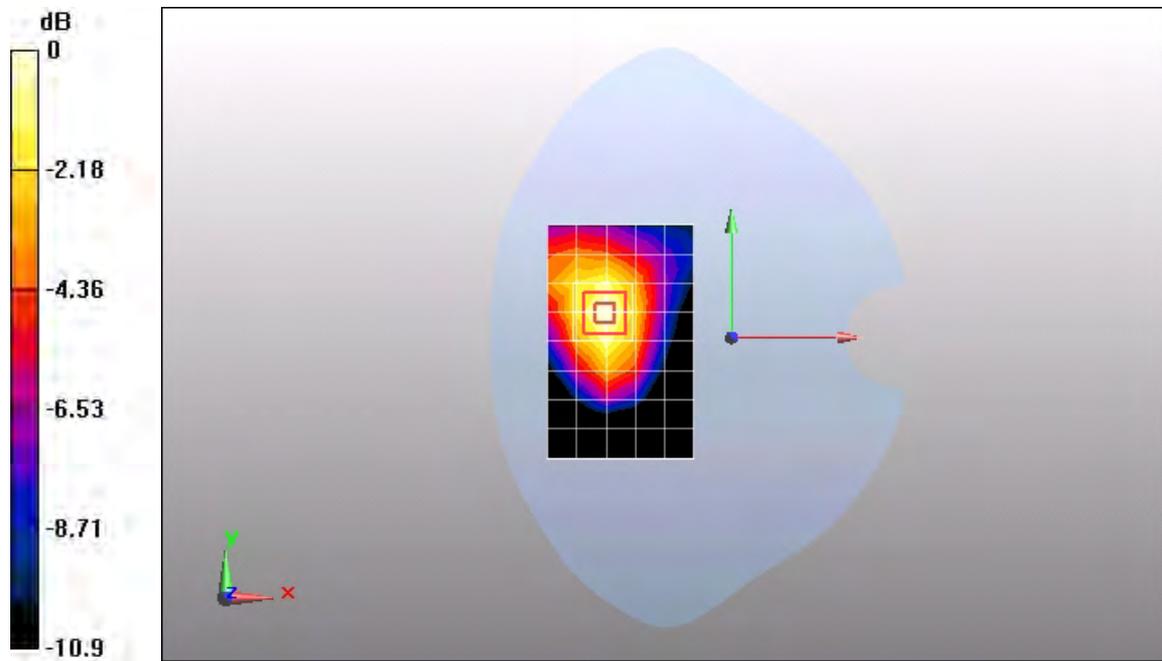
Maximum value of SAR (measured) = 0.984 mW/g

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

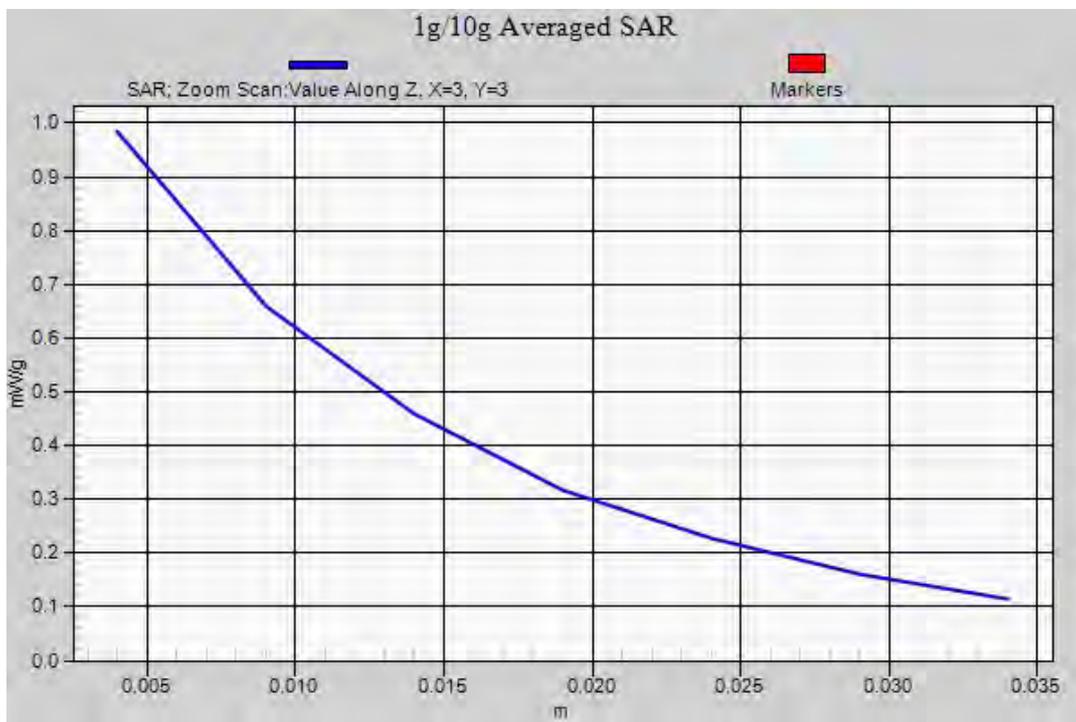
Reference Value = 5.4 V/m; Power Drift = 0.161 dB

Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.905 mW/g; SAR(10 g) = 0.584 mW/g



0 dB = 0.984mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 GSM850 GPRS 2TS 190CH Left Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(6.03, 6.03, 6.03); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.522 mW/g

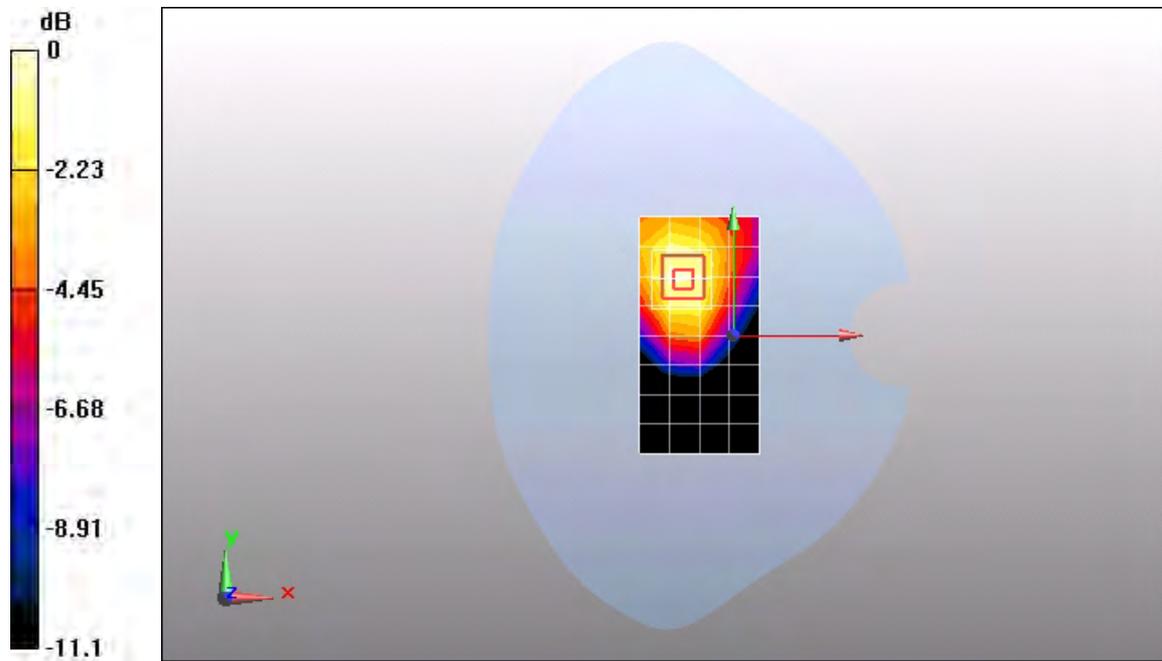
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.4 V/m; Power Drift = 0.119 dB

Peak SAR (extrapolated) = 0.819 W/kg

SAR(1 g) = 0.532 mW/g; SAR(10 g) = 0.343 mW/g

Maximum value of SAR (measured) = 0.576 mW/g



0 dB = 0.576mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 GSM850 GPRS 2TS 190CH Right Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(6.03, 6.03, 6.03); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.381 mW/g

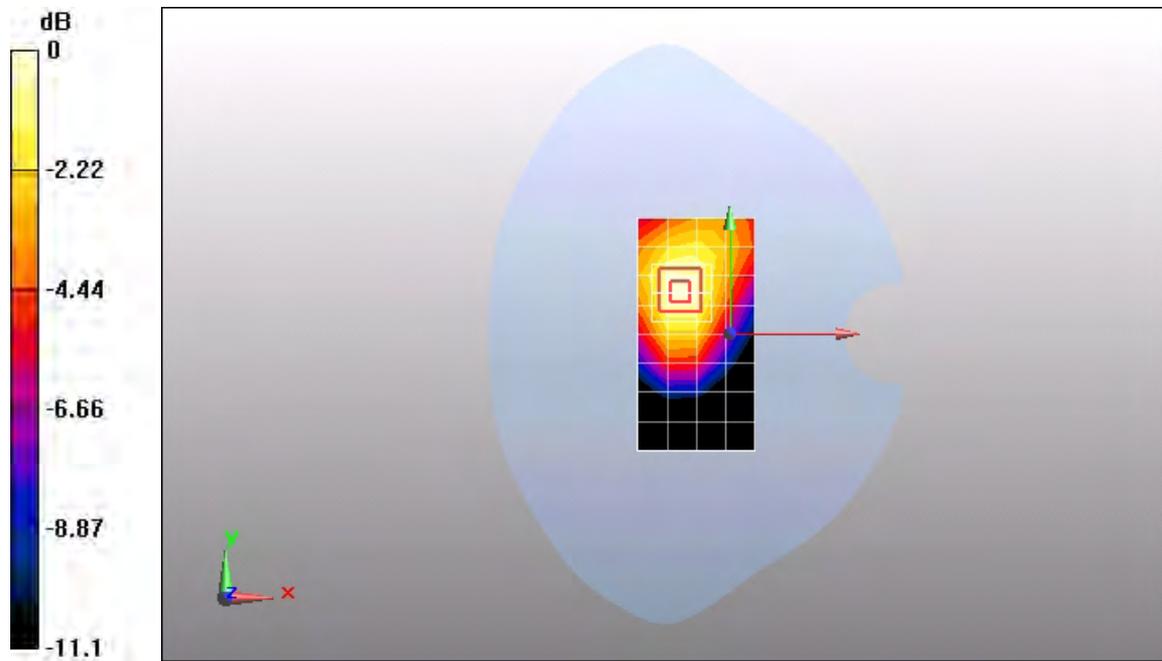
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.1 V/m; Power Drift = 0.00328 dB

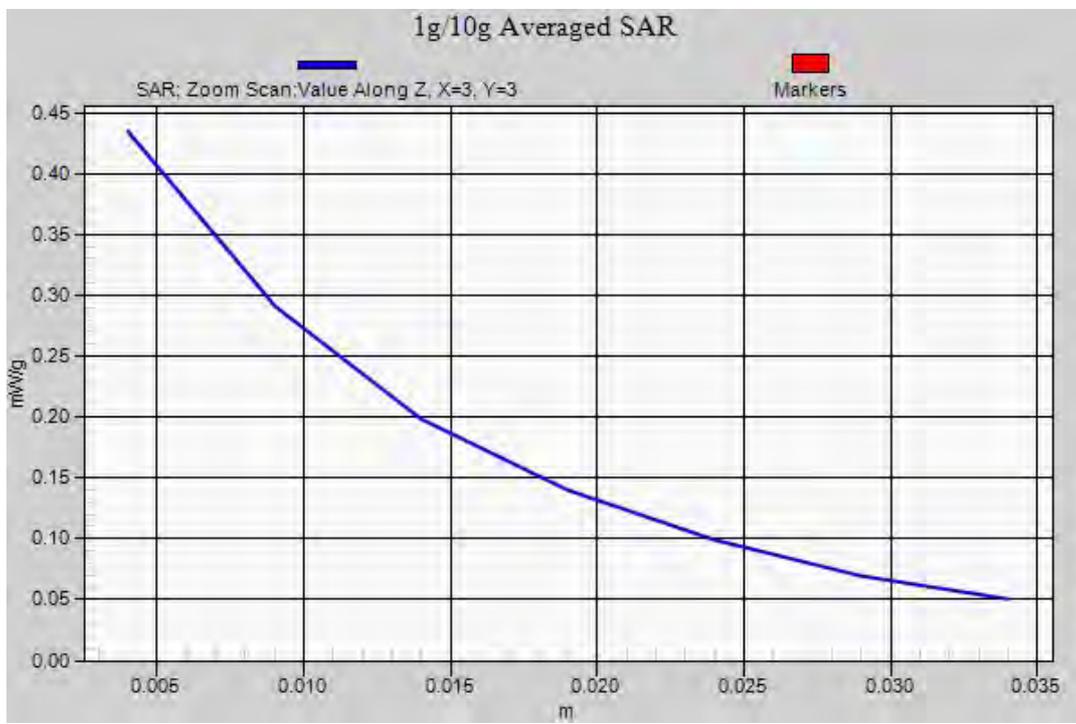
Peak SAR (extrapolated) = 0.618 W/kg

SAR(1 g) = 0.405 mW/g; SAR(10 g) = 0.262 mW/g

Maximum value of SAR (measured) = 0.434 mW/g



0 dB = 0.434mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 GSM850 2TS190CH Top Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(6.03, 6.03, 6.03); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.034 mW/g

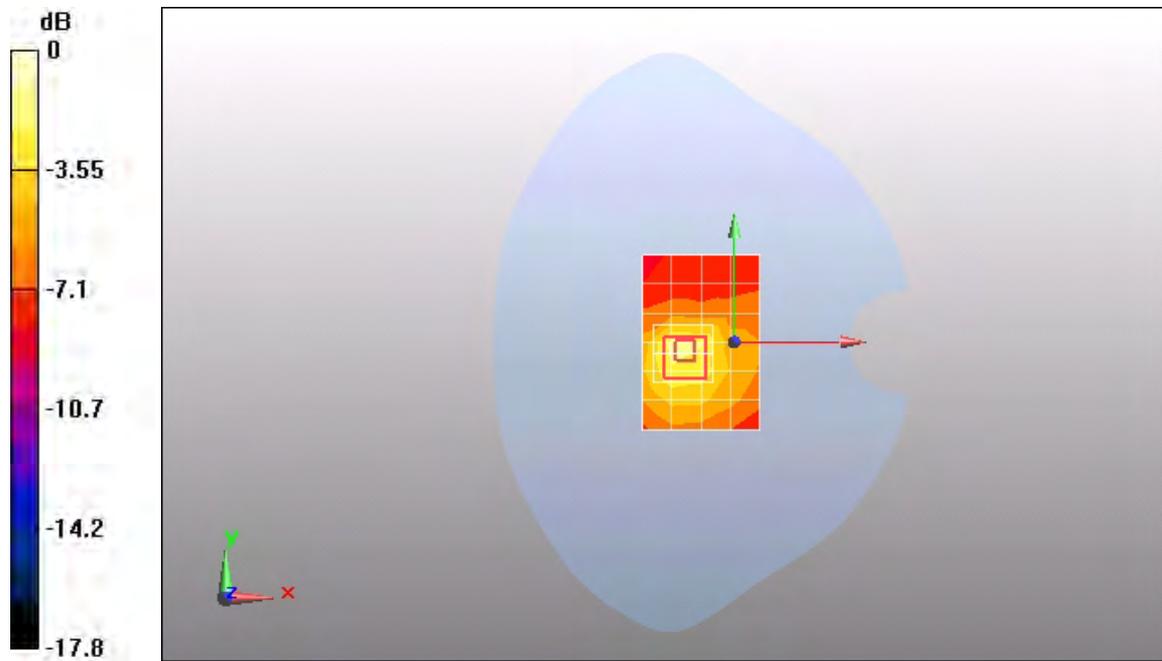
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.75 V/m; Power Drift = 0.014 dB

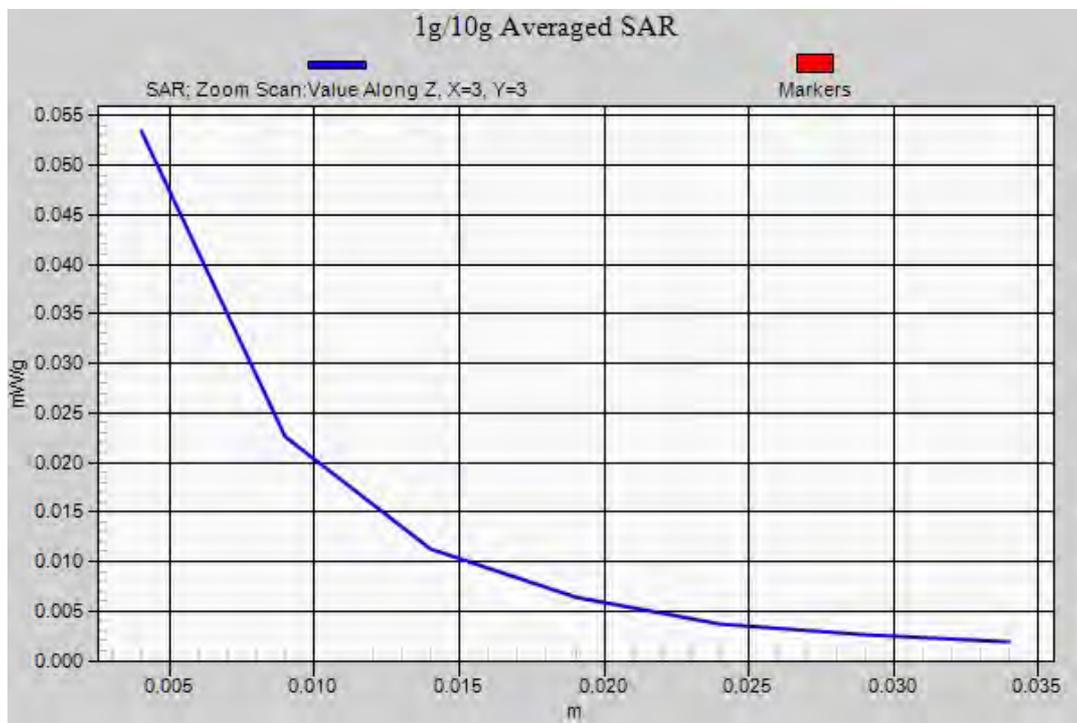
Peak SAR (extrapolated) = 0.147 W/kg

SAR(1 g) = 0.048 mW/g; SAR(10 g) = 0.022 mW/g

Maximum value of SAR (measured) = 0.053 mW/g



0 dB = 0.053mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 GSM850 GPRS 2TS 251CH Front Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used: $f = 849$ MHz; $\sigma = 0.991$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(6.03, 6.03, 6.03); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

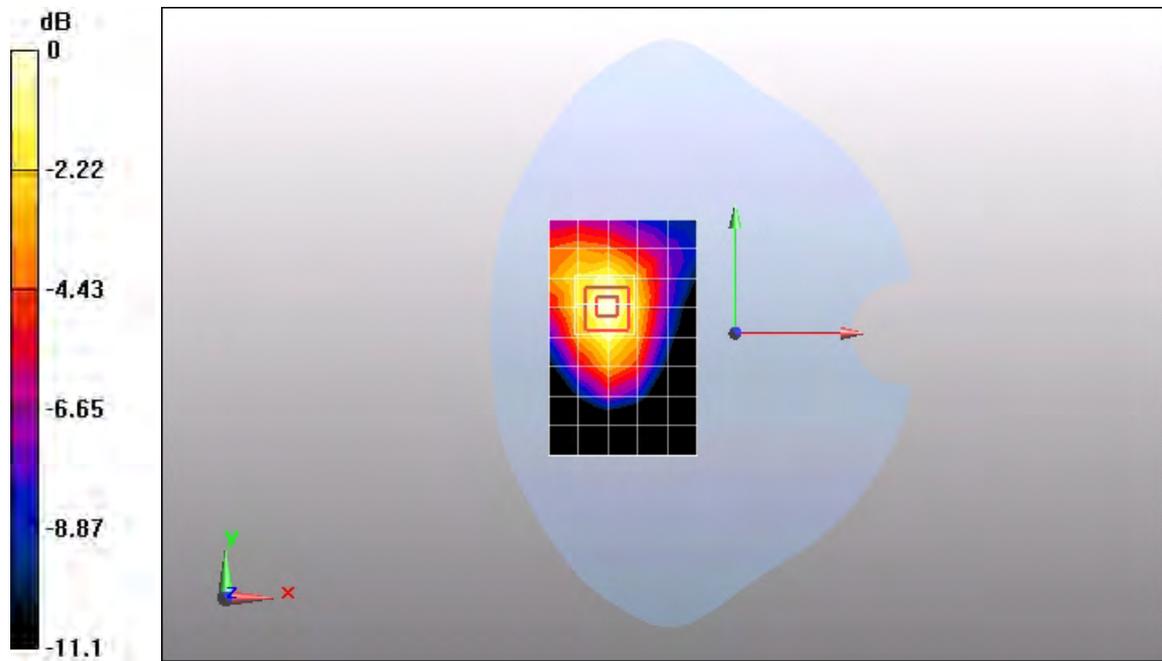
Maximum value of SAR (measured) = 1.05 mW/g

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

Reference Value = 5.44 V/m; Power Drift = 0.196 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.973 mW/g; SAR(10 g) = 0.625 mW/g



0 dB = 1.05mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 GSM850 GPRS 2TS 128CH Front Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.97$ 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: ES3DV3 - SN3254; ConvF(6.03, 6.03, 6.03); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

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

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

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

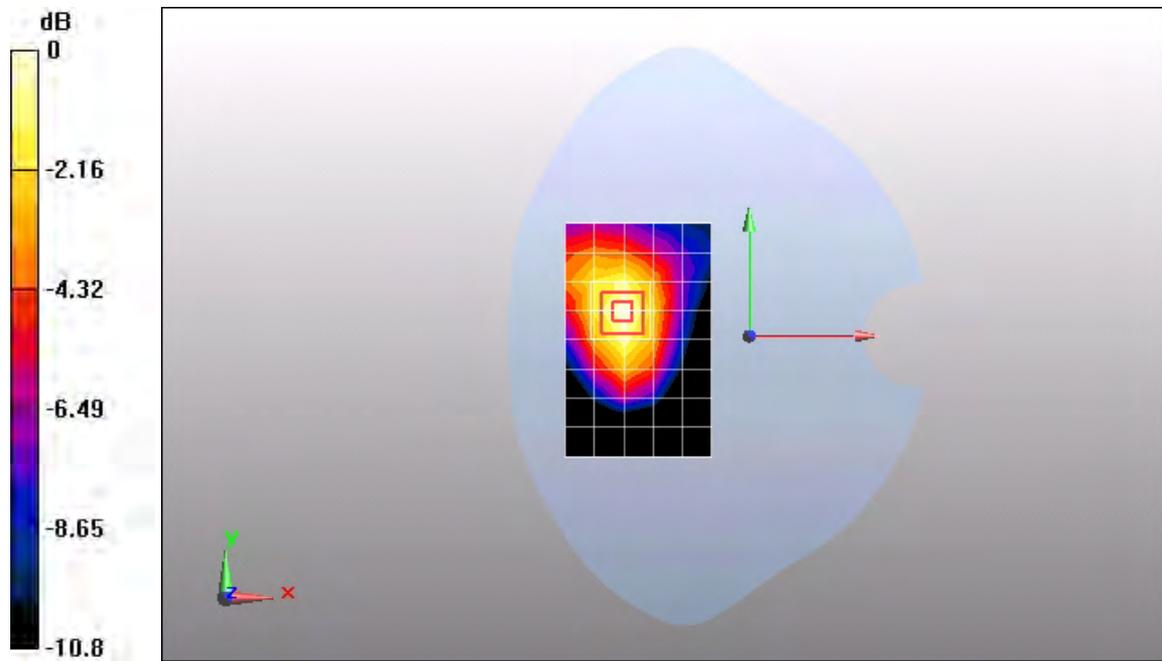
Reference Value = 5.41 V/m; Power Drift = 0.194 dB

Peak SAR (extrapolated) = 1.31 W/kg

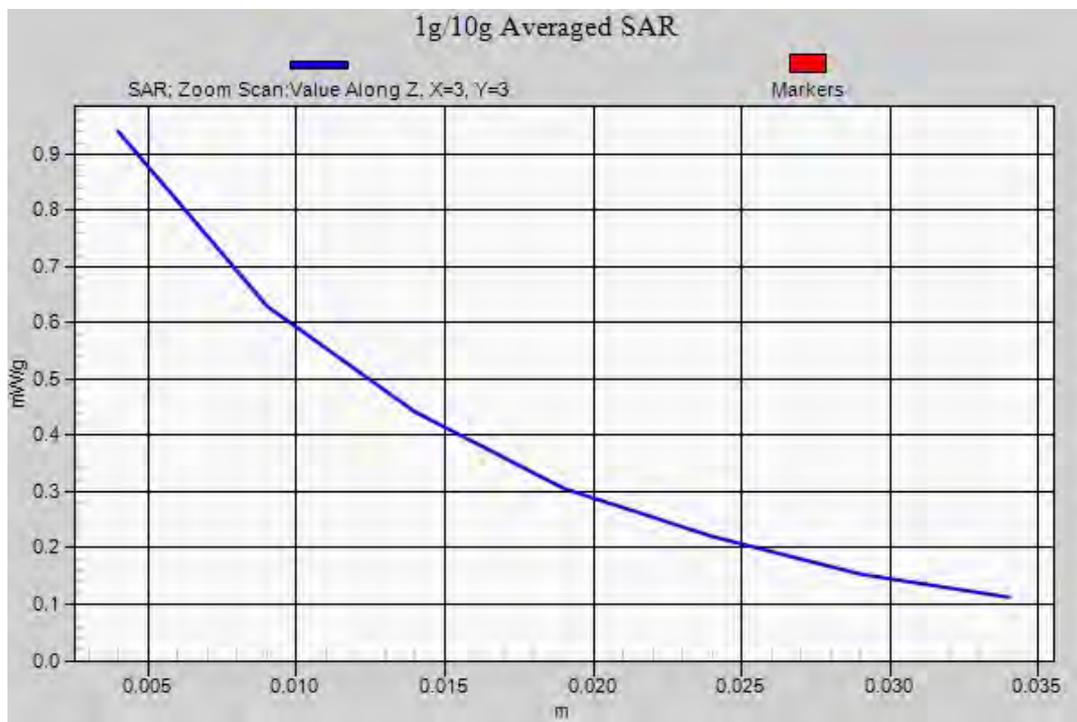
SAR(1 g) = 0.868 mW/g; SAR(10 g) = 0.563 mW/g

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

Maximum value of SAR (measured) = 0.940 mW/g



0 dB = 0.940mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 GSM850 EDGE 1TS 190CH Front Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(6.03, 6.03, 6.03); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.776 mW/g

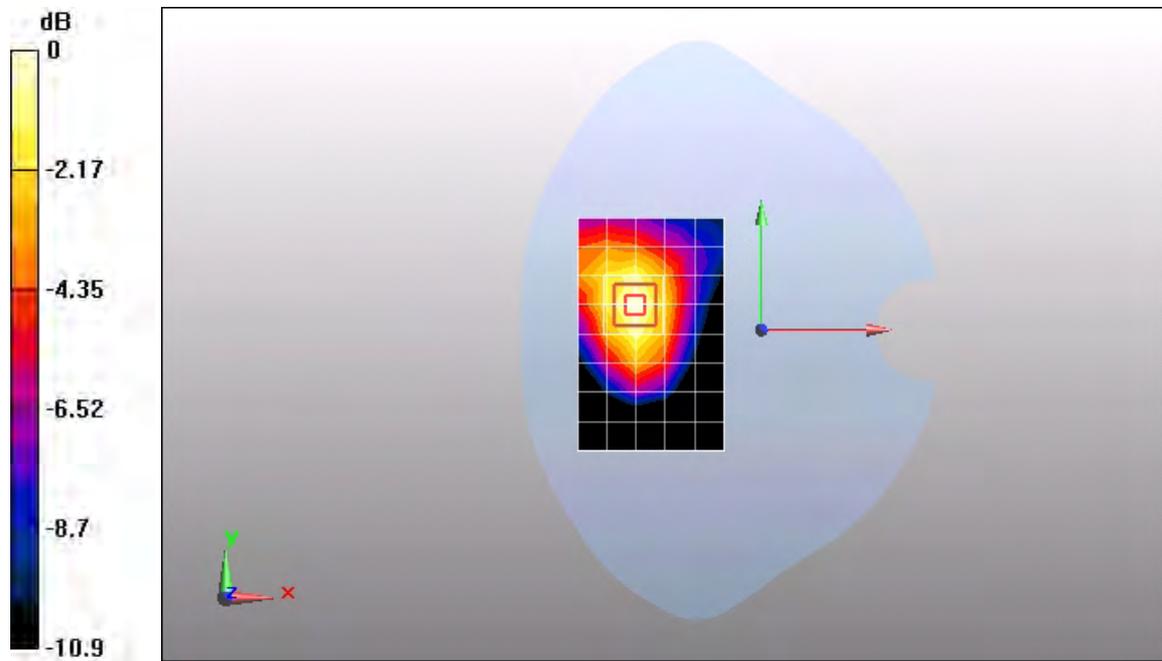
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.83 V/m; Power Drift = 0.191 dB

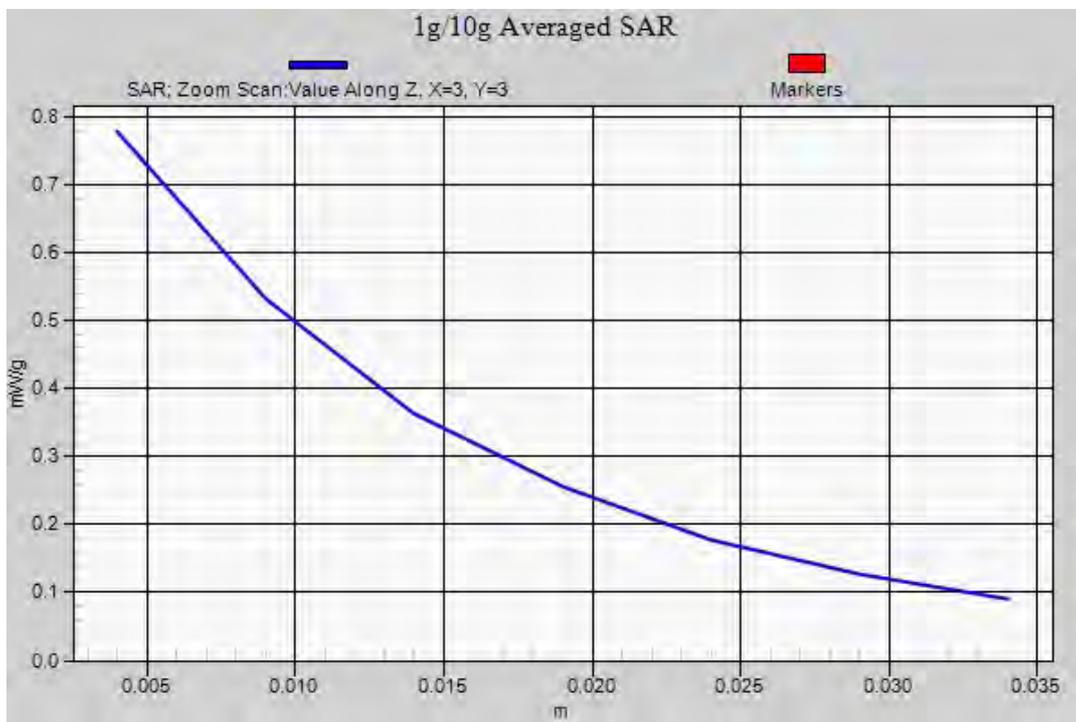
Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.724 mW/g; SAR(10 g) = 0.467 mW/g

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



0 dB = 0.779mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 GSM850 EDGE 2TS 190CH Front Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(6.03, 6.03, 6.03); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.976 mW/g

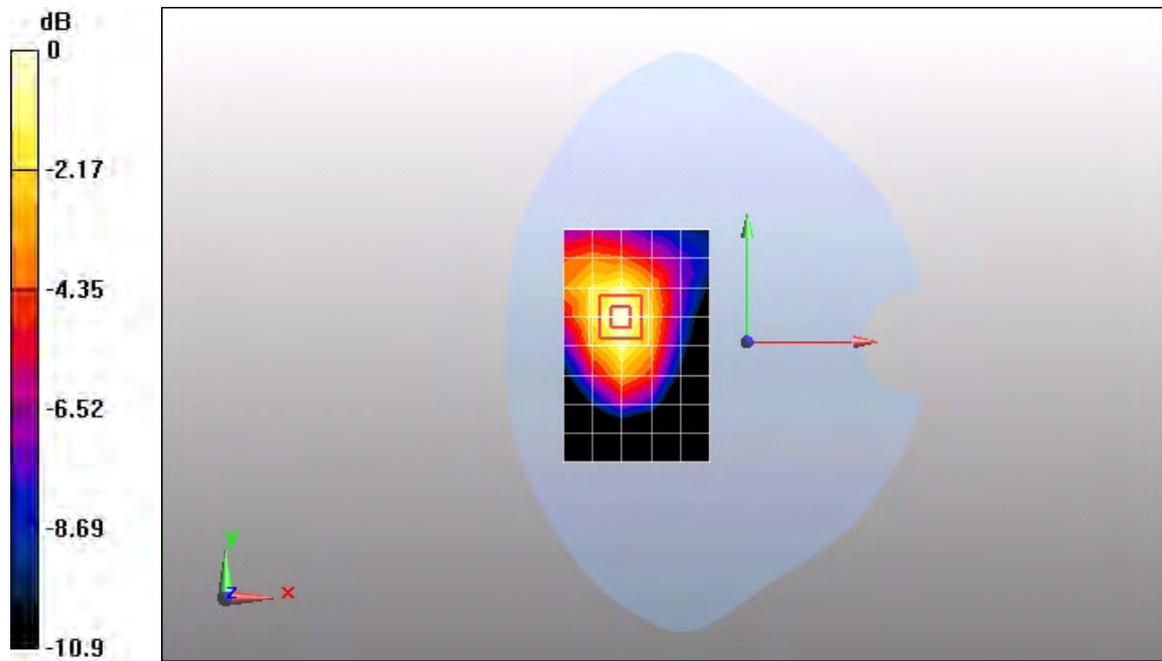
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.43 V/m; Power Drift = 0.132 dB

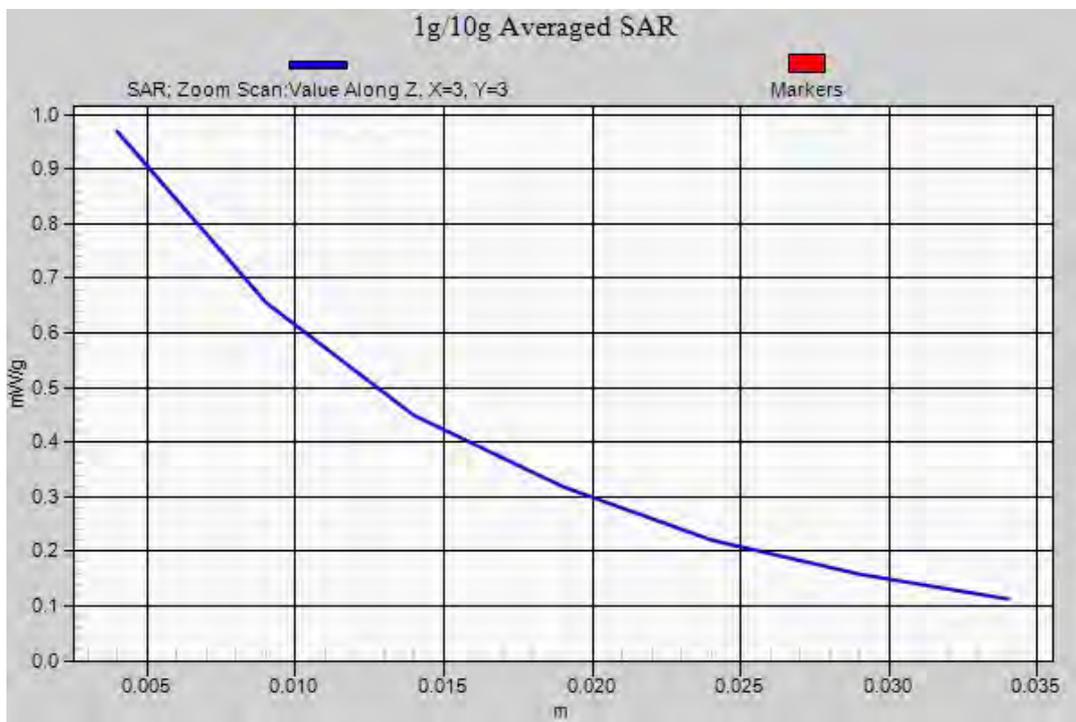
Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.894 mW/g; SAR(10 g) = 0.578 mW/g

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



0 dB = 0.969mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 GSM850 EDGE 3TS 190CH Front Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(6.03, 6.03, 6.03); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.931 mW/g

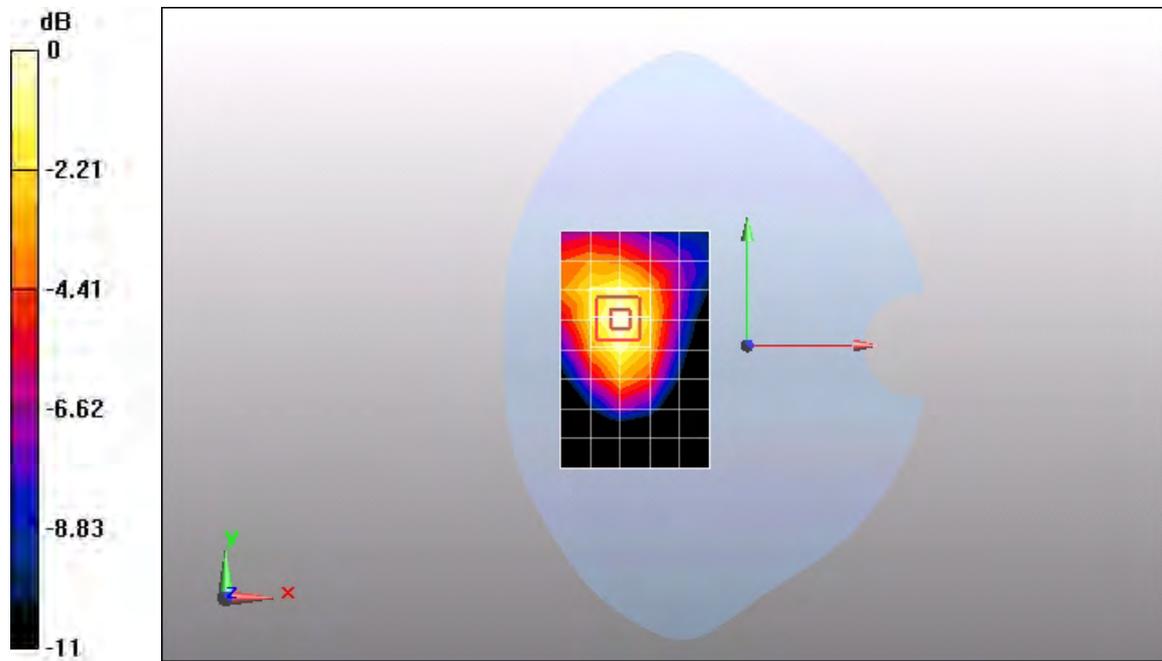
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.41 V/m; Power Drift = 0.032 dB

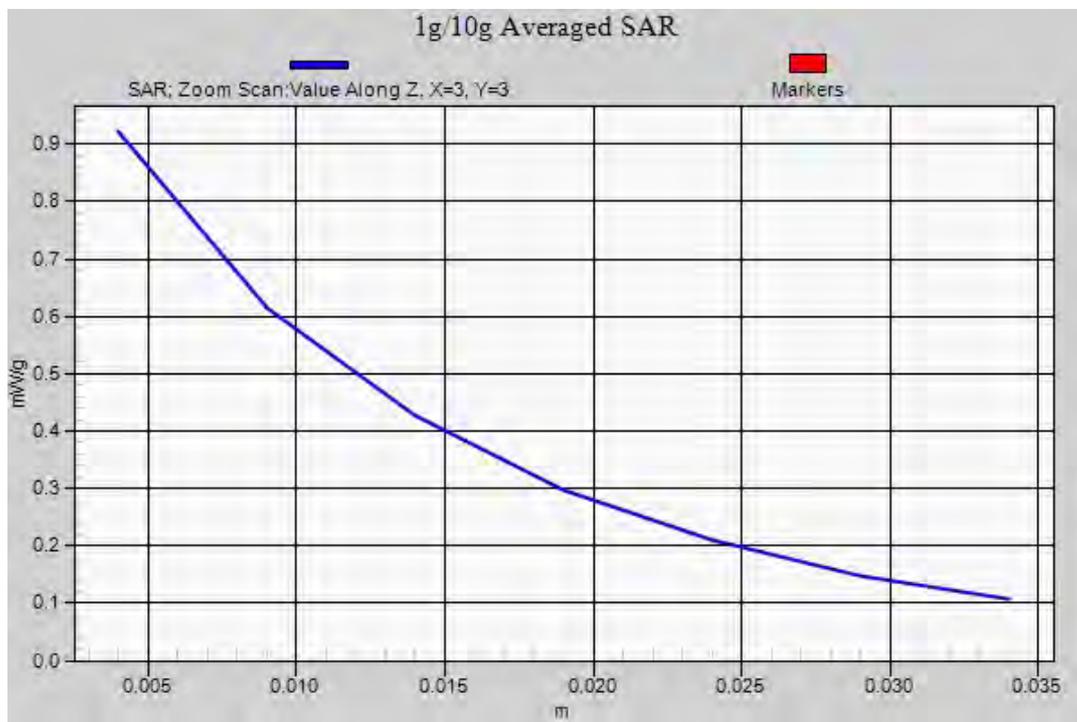
Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.846 mW/g; SAR(10 g) = 0.548 mW/g

Maximum value of SAR (measured) = 0.922 mW/g



0 dB = 0.922mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 GSM850 EDGE 4TS 190CH Front Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(6.03, 6.03, 6.03); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.747 mW/g

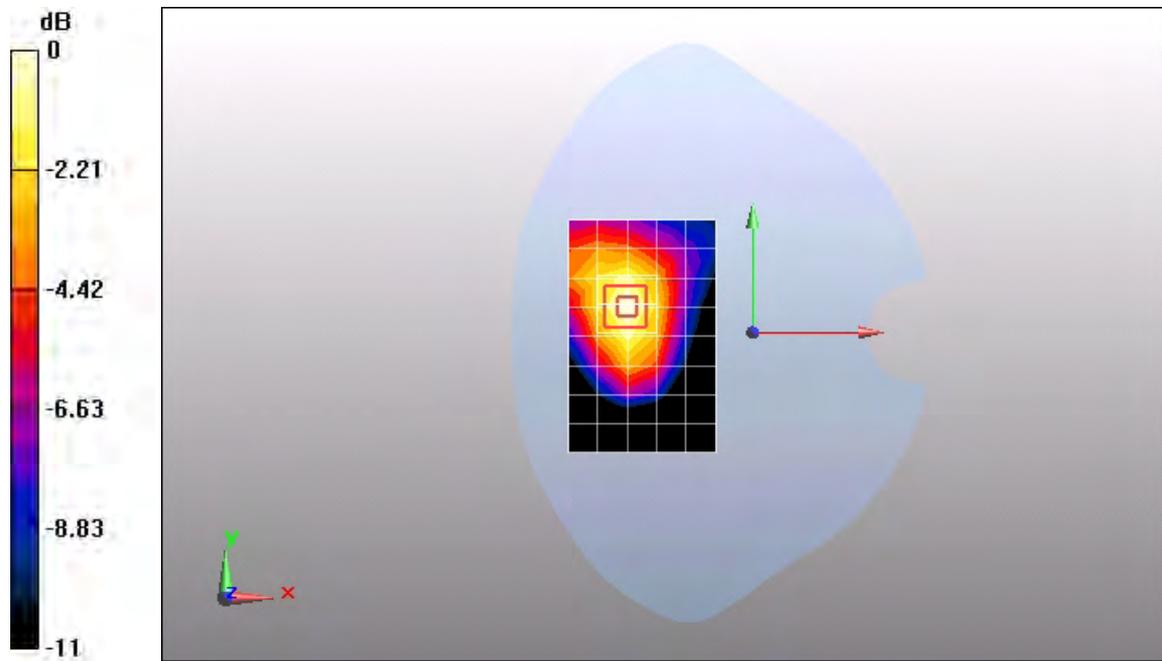
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.73 V/m; Power Drift = 0.175 dB

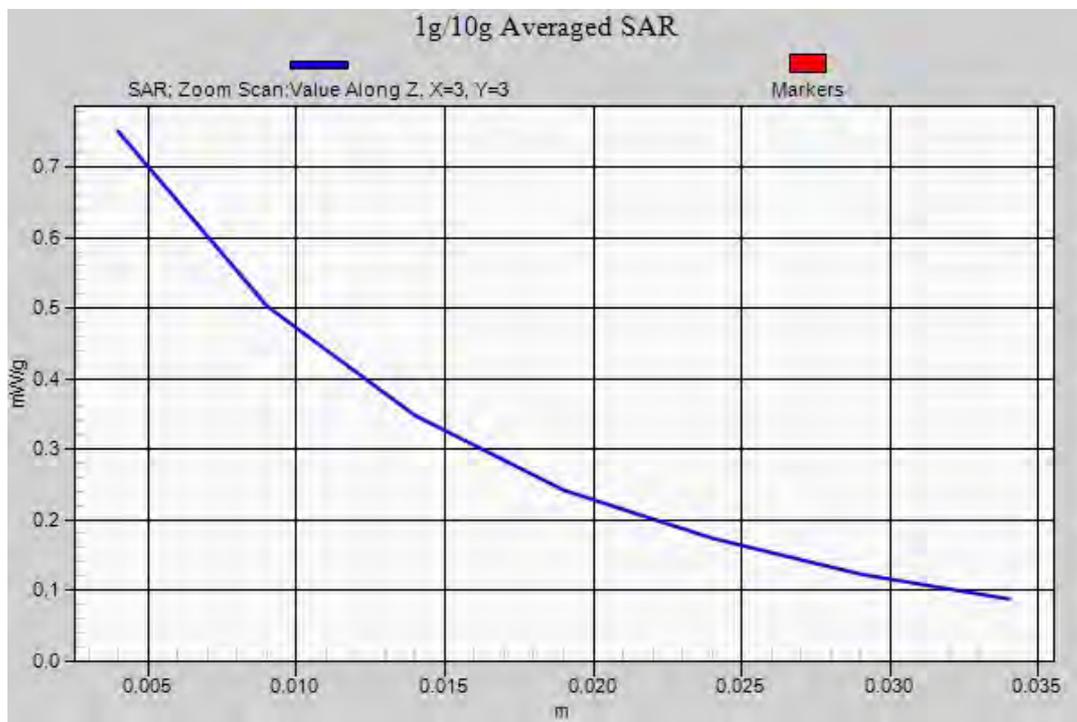
Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.690 mW/g; SAR(10 g) = 0.446 mW/g

Maximum value of SAR (measured) = 0.750 mW/g



0 dB = 0.750mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 GSM850 EDGE 2TS 251CH Front Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used: $f = 849$ MHz; $\sigma = 0.991$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(6.03, 6.03, 6.03); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

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

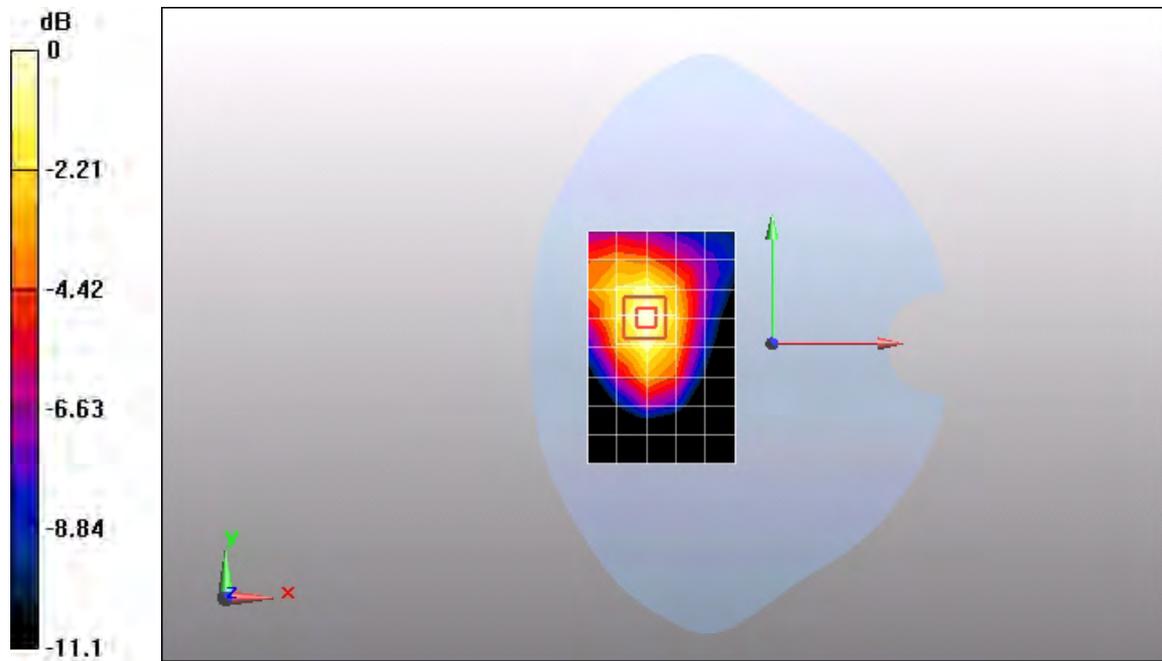
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.29 V/m; Power Drift = 0.193 dB

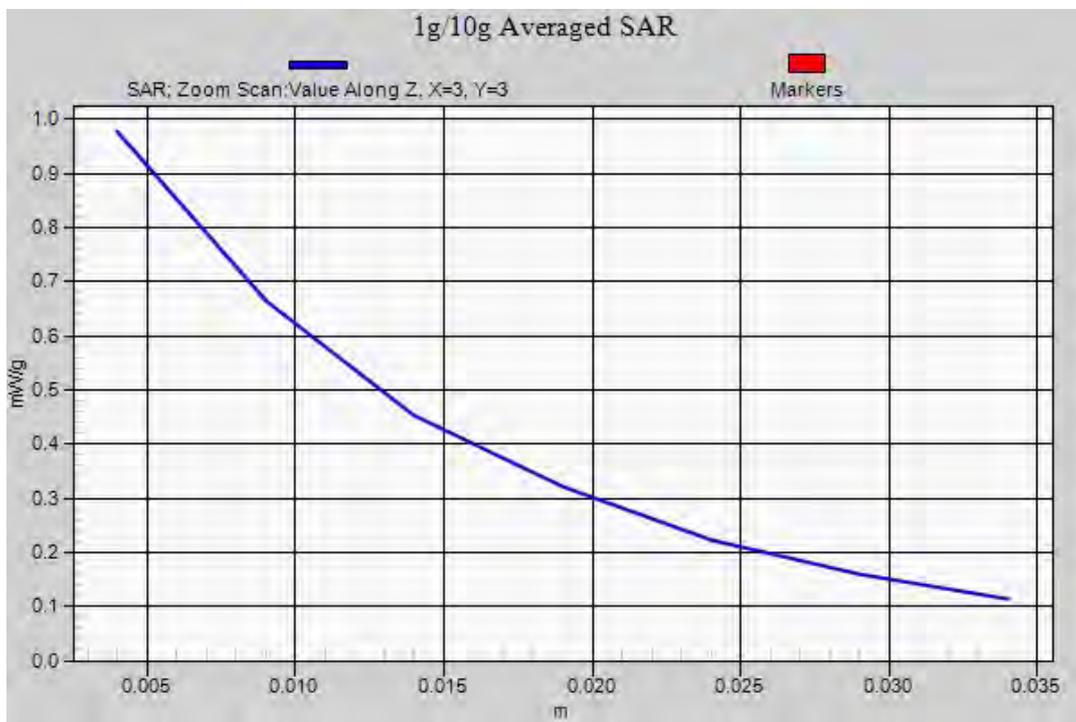
Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.905 mW/g; SAR(10 g) = 0.584 mW/g

Maximum value of SAR (measured) = 0.977 mW/g



0 dB = 0.977mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 GSM850 EDGE 2TS 128CH Front Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.97$ 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: ES3DV3 - SN3254; ConvF(6.03, 6.03, 6.03); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.951 mW/g

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

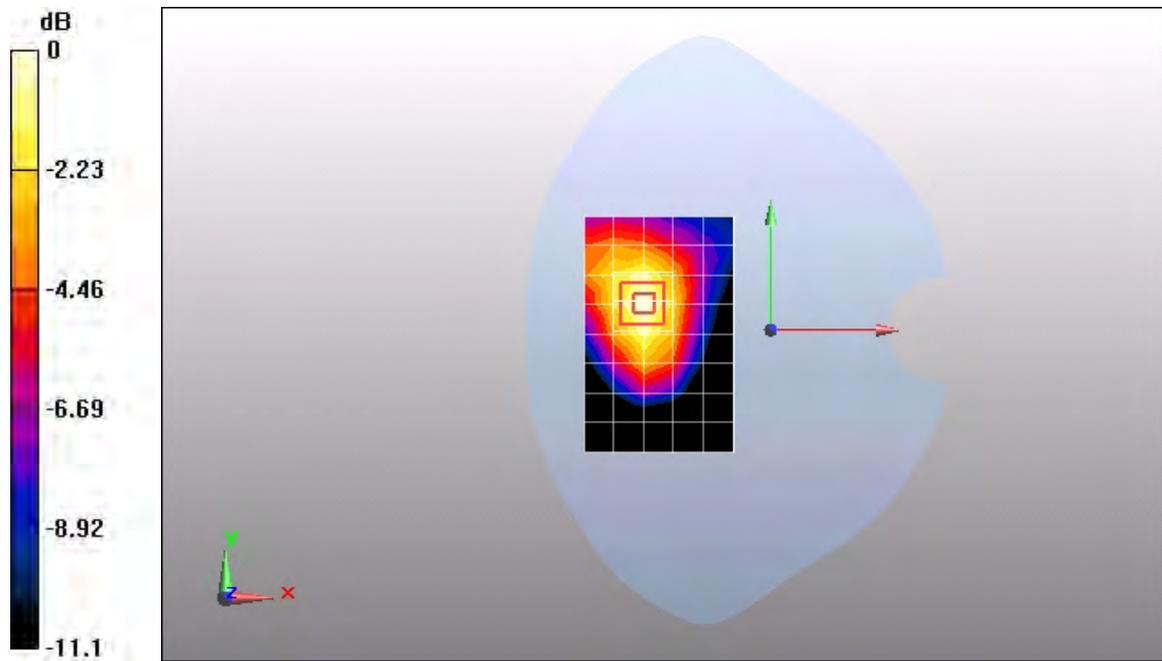
Reference Value = 5.28 V/m; Power Drift = 0.100 dB

Peak SAR (extrapolated) = 1.34 W/kg

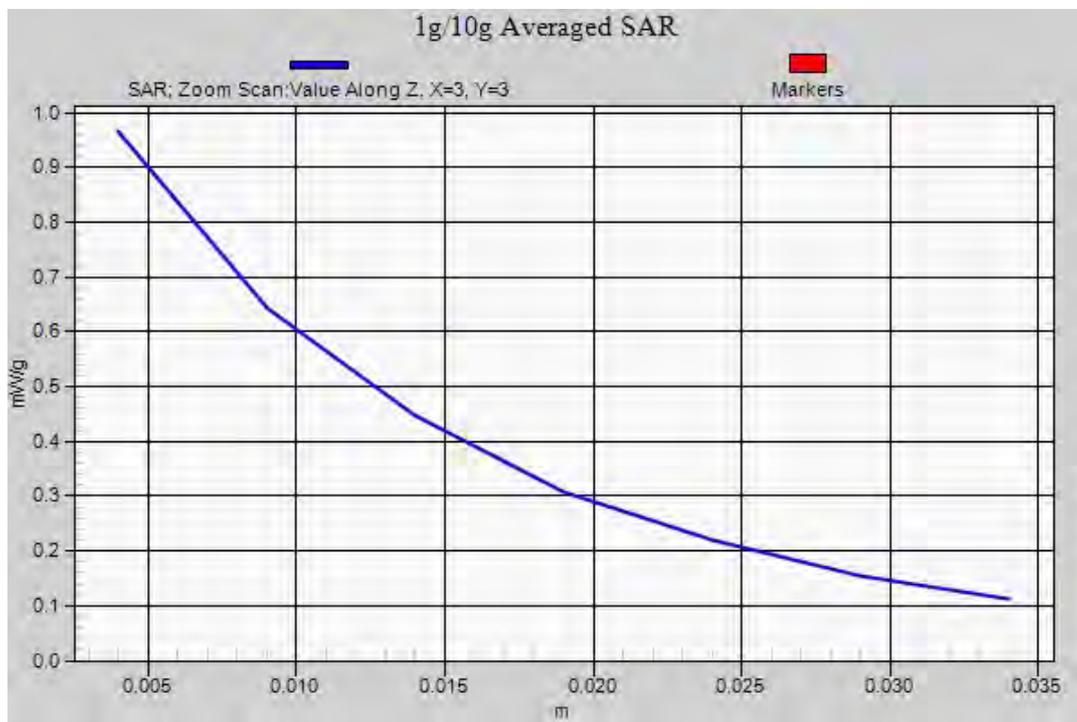
SAR(1 g) = 0.888 mW/g; SAR(10 g) = 0.572 mW/g

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

Maximum value of SAR (measured) = 0.965 mW/g



0 dB = 0.965mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 GSM850 EDGE 3TS 251CH Front Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

Communication System: HW -GSM/GPRS/EDGE 3TS; Frequency: 848.8 MHz

Medium parameters used: $f = 849$ MHz; $\sigma = 0.991$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(6.03, 6.03, 6.03); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.995 mW/g

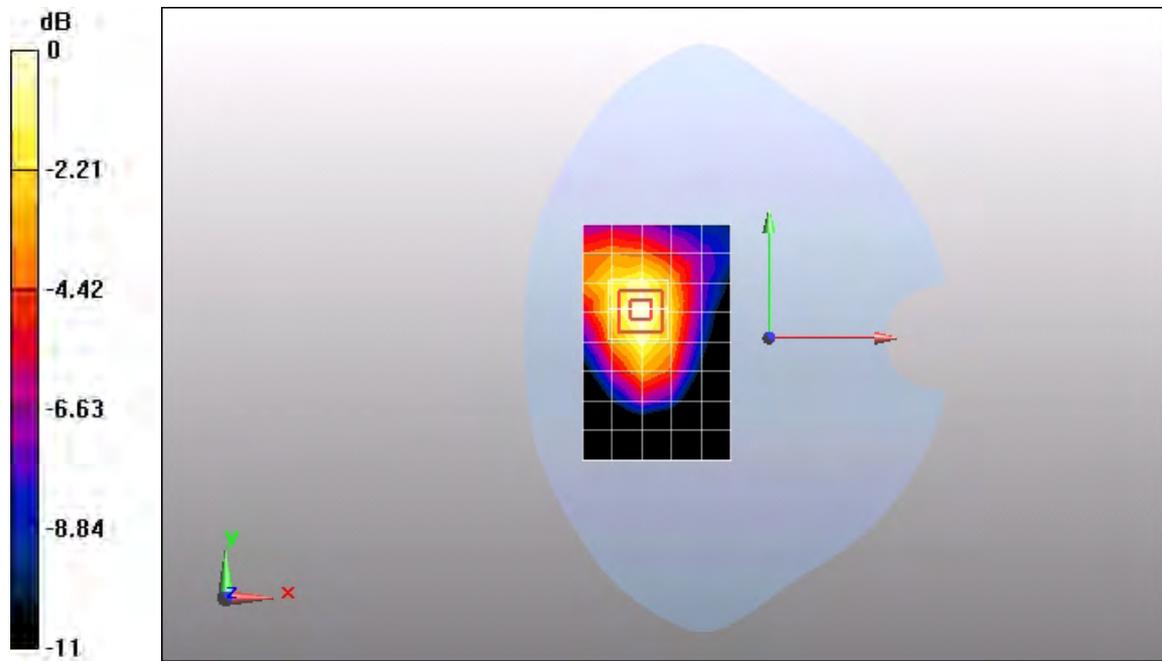
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.22 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.904 mW/g; SAR(10 g) = 0.581 mW/g

Maximum value of SAR (measured) = 0.980 mW/g



0 dB = 0.980mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 GSM850 EDGE 3TS 128CH Front Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

Communication System: HW -GSM/GPRS/EDGE 3TS; Frequency: 824.2 MHz

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.97$ 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: ES3DV3 - SN3254; ConvF(6.03, 6.03, 6.03); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

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

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

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

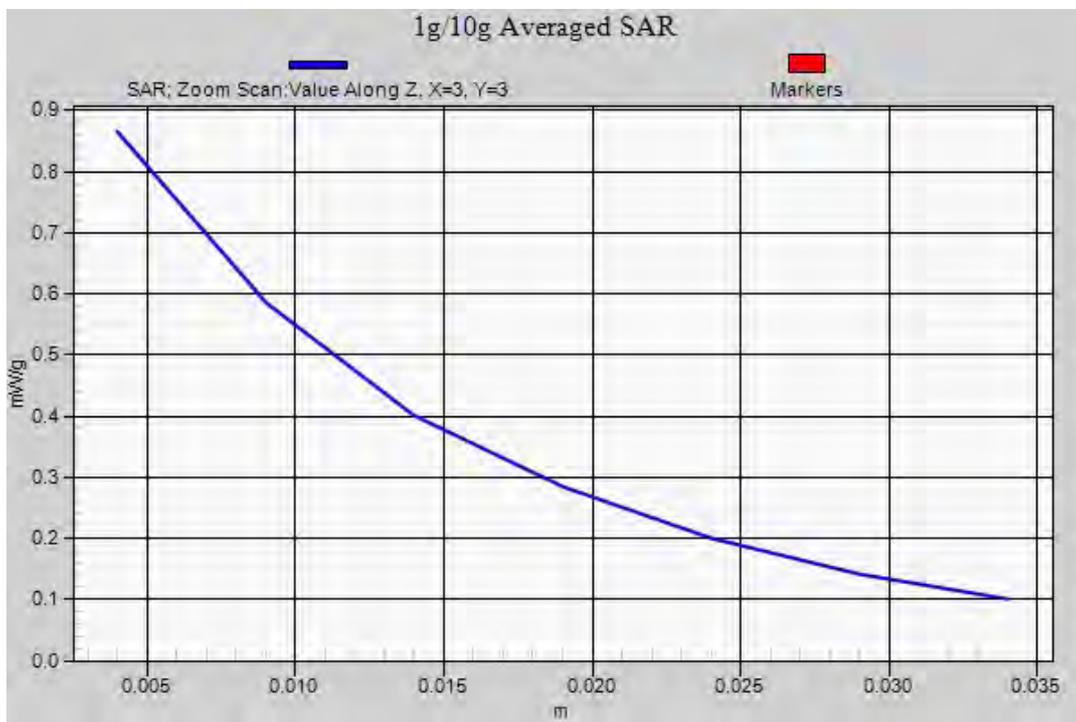
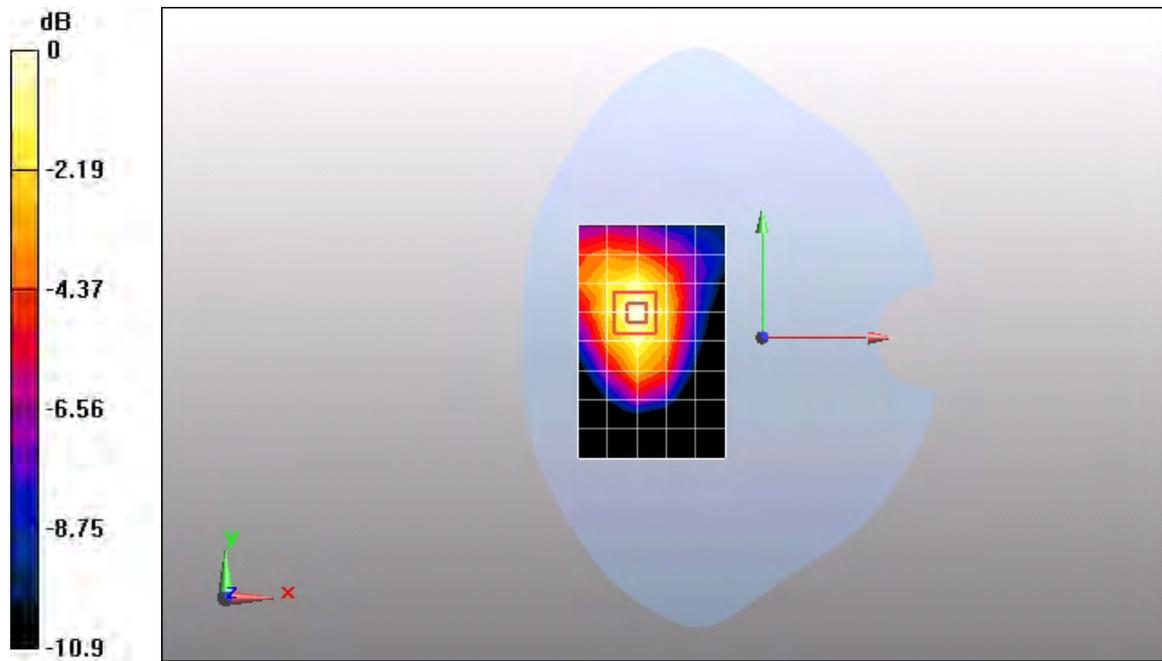
Reference Value = 4.97 V/m; Power Drift = 0.131 dB

Peak SAR (extrapolated) = 1.2 W/kg

SAR(1 g) = 0.799 mW/g; SAR(10 g) = 0.515 mW/g

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

Maximum value of SAR (measured) = 0.865 mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 GSM1900 GPRS 1TS 661CH Back Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.73, 4.73, 4.73); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.681 mW/g

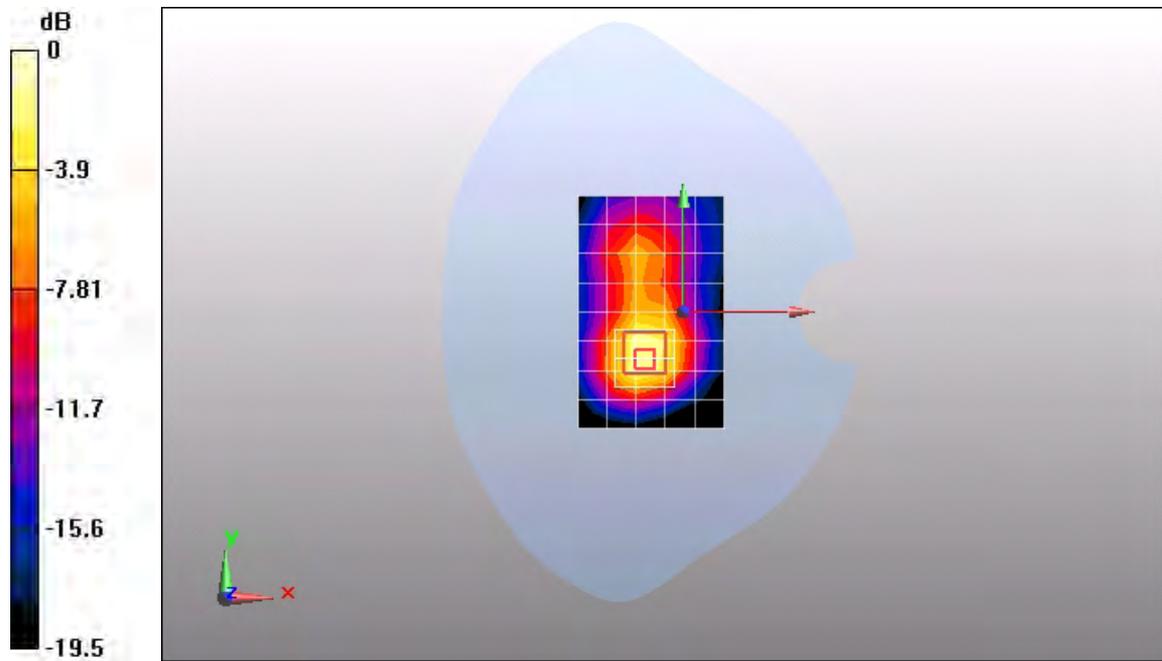
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14 V/m; Power Drift = -0.118 dB

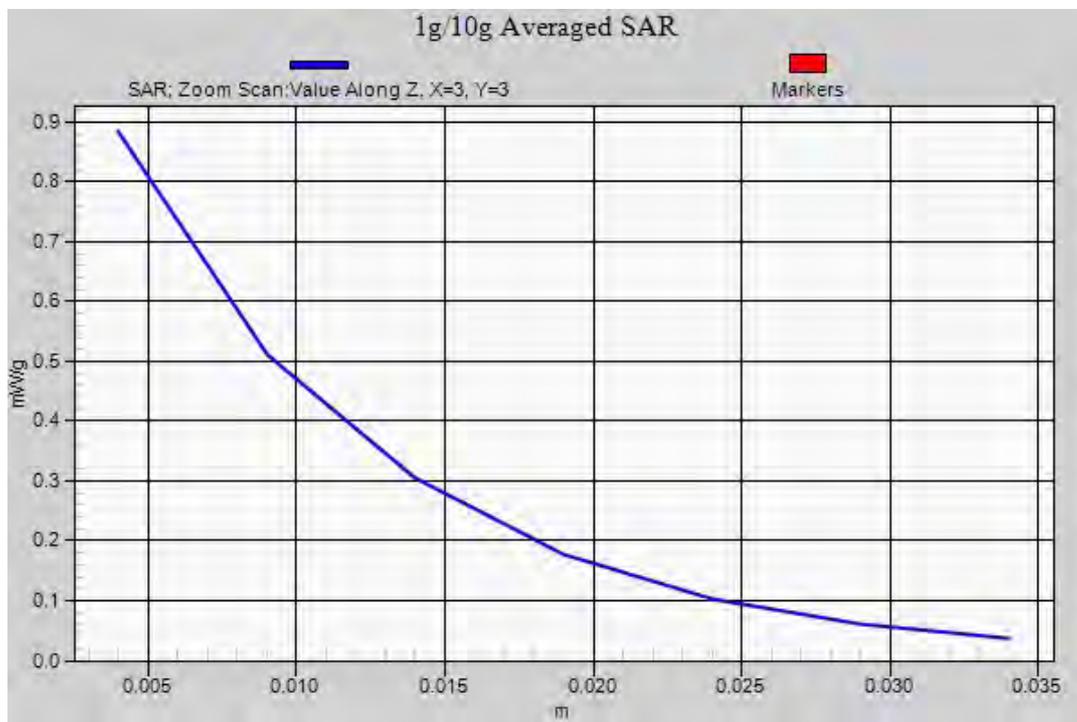
Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.777 mW/g; SAR(10 g) = 0.402 mW/g

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



0 dB = 0.884mW/g



Date/Time: 7/18/2011 21:56:58, Date/Time: 7/18/2011 22:02:18

Test Laboratory: HUAWEI SAR Lab

E352Ls-5 GSM1900 GPRS 2TS 661CH Back Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 1880 MHz Medium
parameters used: $f = 1880$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

Probe: ES3DV3 -SN3254; ConvF(4.73, 4.73, 4.73); Calibrated: 3/11/2011
Sensor-Surface: 4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
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 (6x9x1): Measurement grid: dx=15mm, dy=15mm

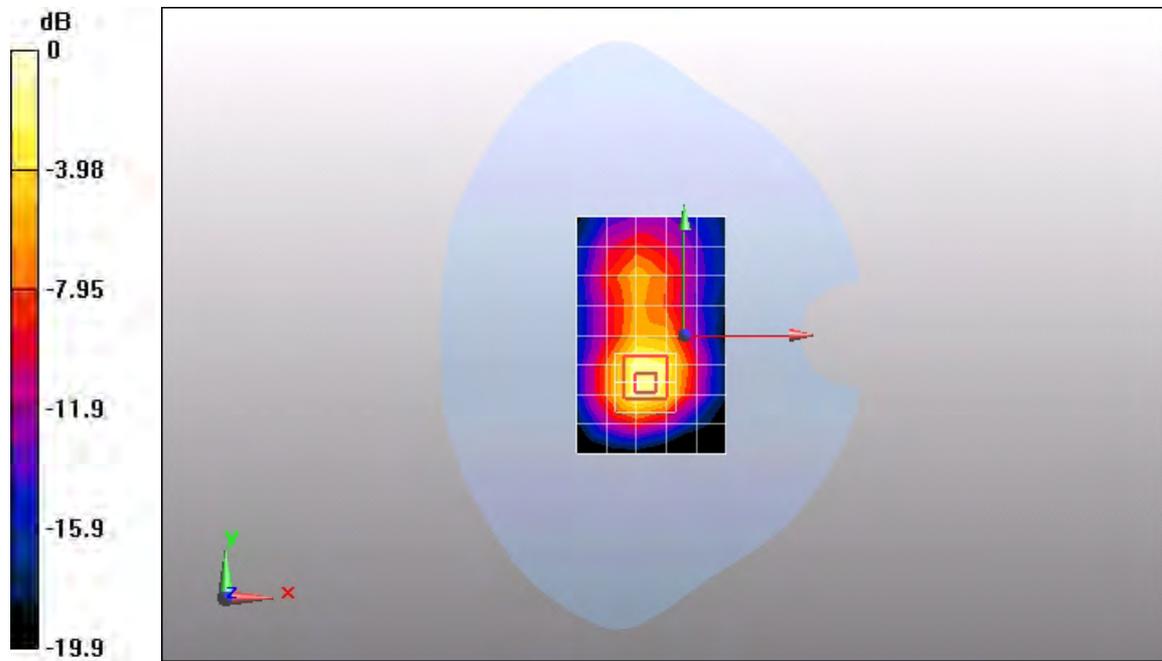
Maximum value of SAR (measured) = 0.878 mW/g

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

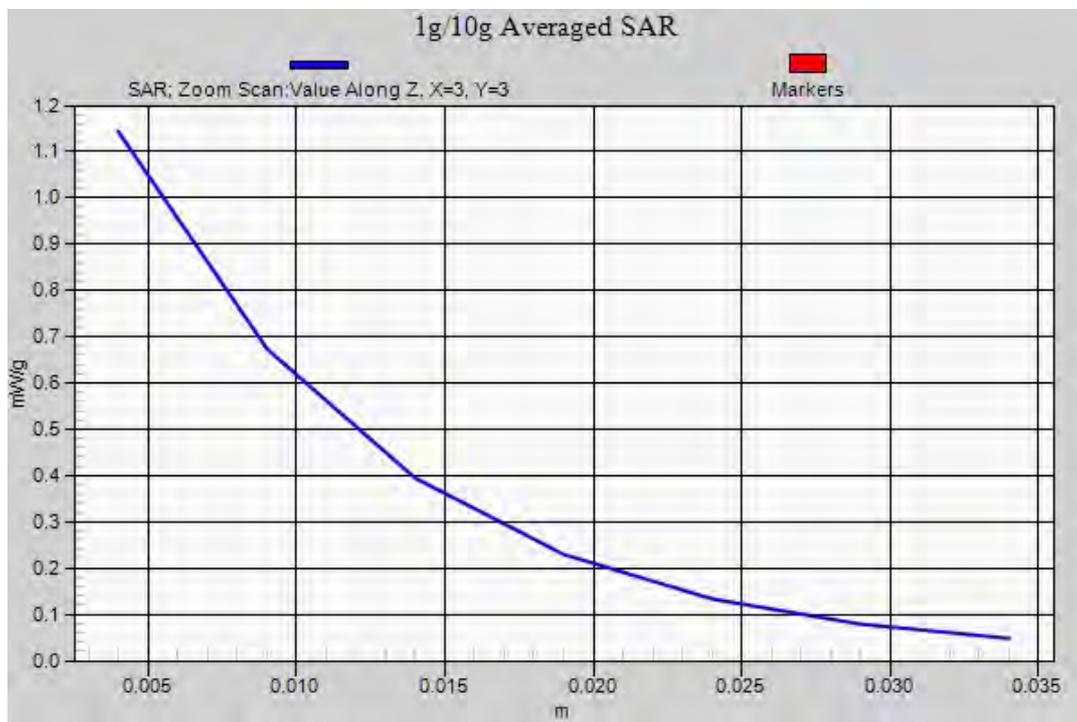
Reference Value = 15.9 V/m; Power Drift = -0.054 dB Peak SAR (extrapolated) = 1.82 W/kg

SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.542 mW/g

Maximum value of SAR (measured) = 1.14 mW/g



0 dB = 1.14mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 GSM1900 GPRS 3TS 661CH Back Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.73, 4.73, 4.73); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.950 mW/g

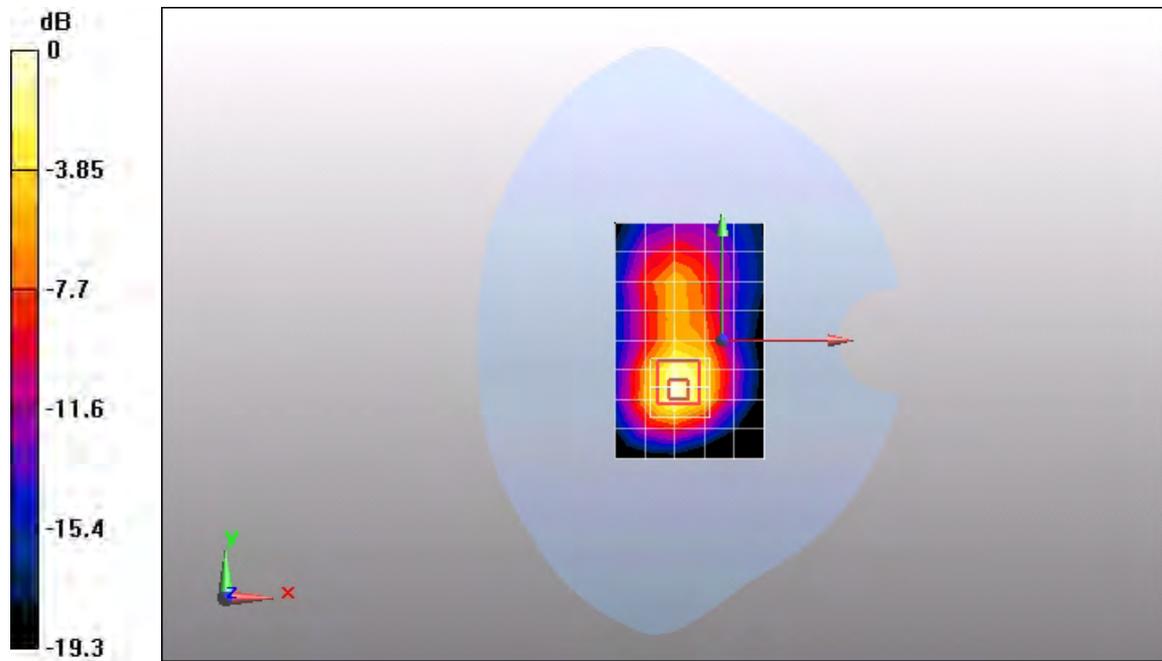
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.3 V/m; Power Drift = -0.00921 dB

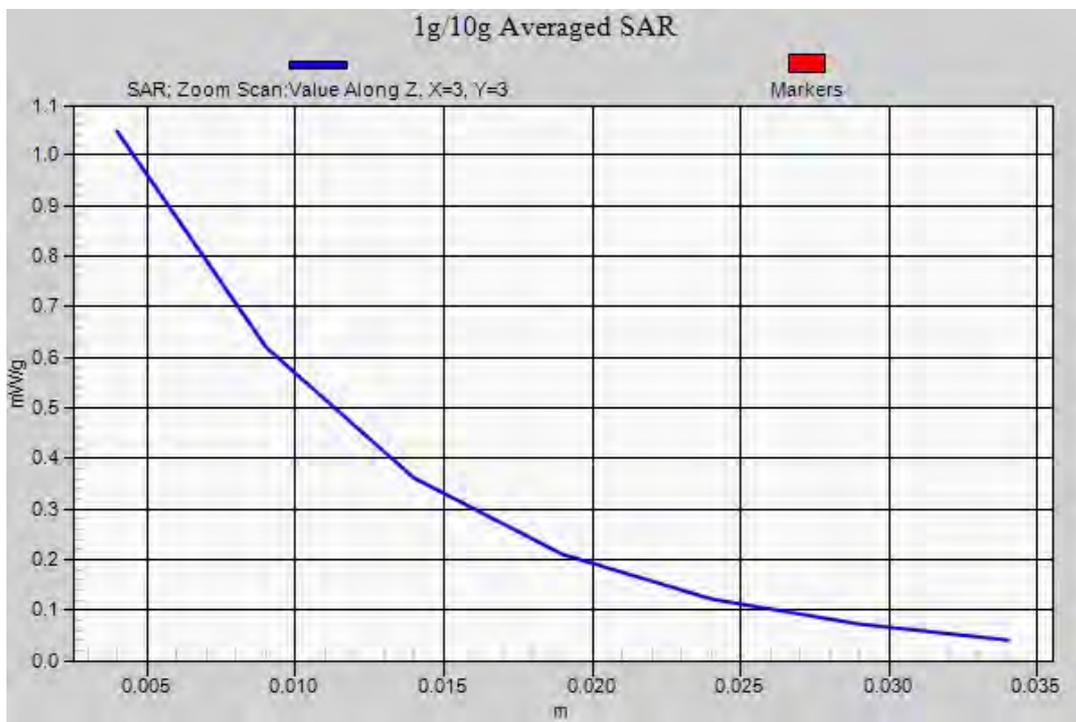
Peak SAR (extrapolated) = 1.78 W/kg

SAR(1 g) = 0.950 mW/g; SAR(10 g) = 0.482 mW/g

Maximum value of SAR (measured) = 1.05 mW/g



0 dB = 1.05mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 GSM1900 GPRS 4TS 661CH Back Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.73, 4.73, 4.73); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.791 mW/g

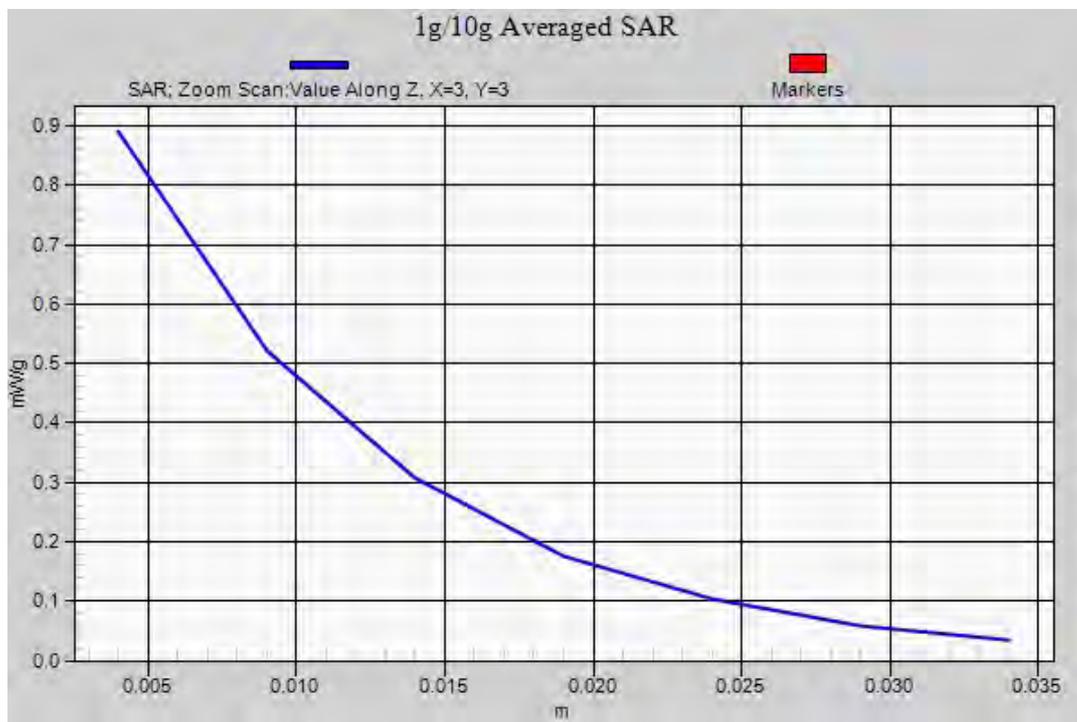
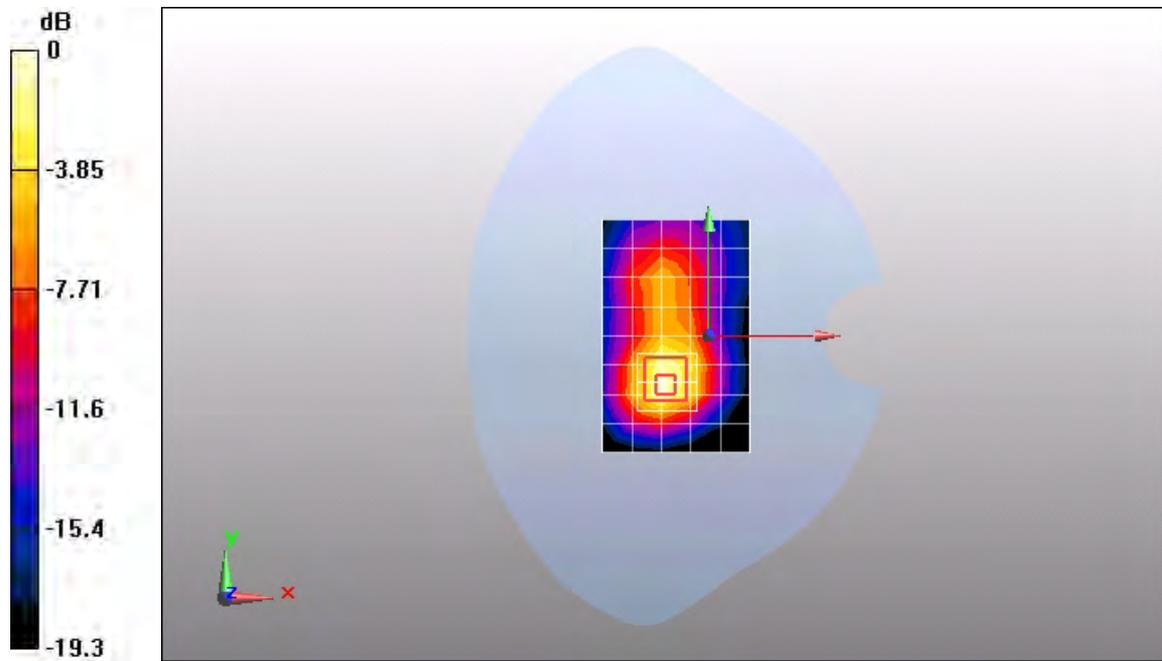
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14 V/m; Power Drift = 0.095 dB

Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.797 mW/g; SAR(10 g) = 0.411 mW/g

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



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 GSM1900 GPRS 2TS 661CH Front Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.73, 4.73, 4.73); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.850 mW/g

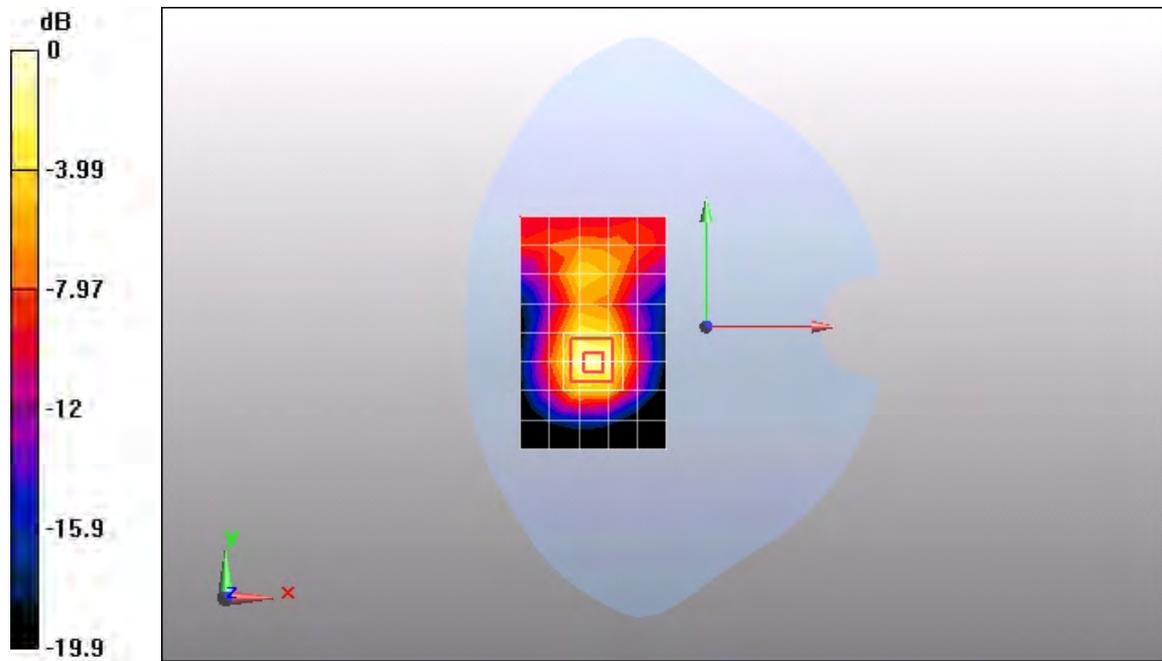
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.5 V/m; Power Drift = -0.043 dB

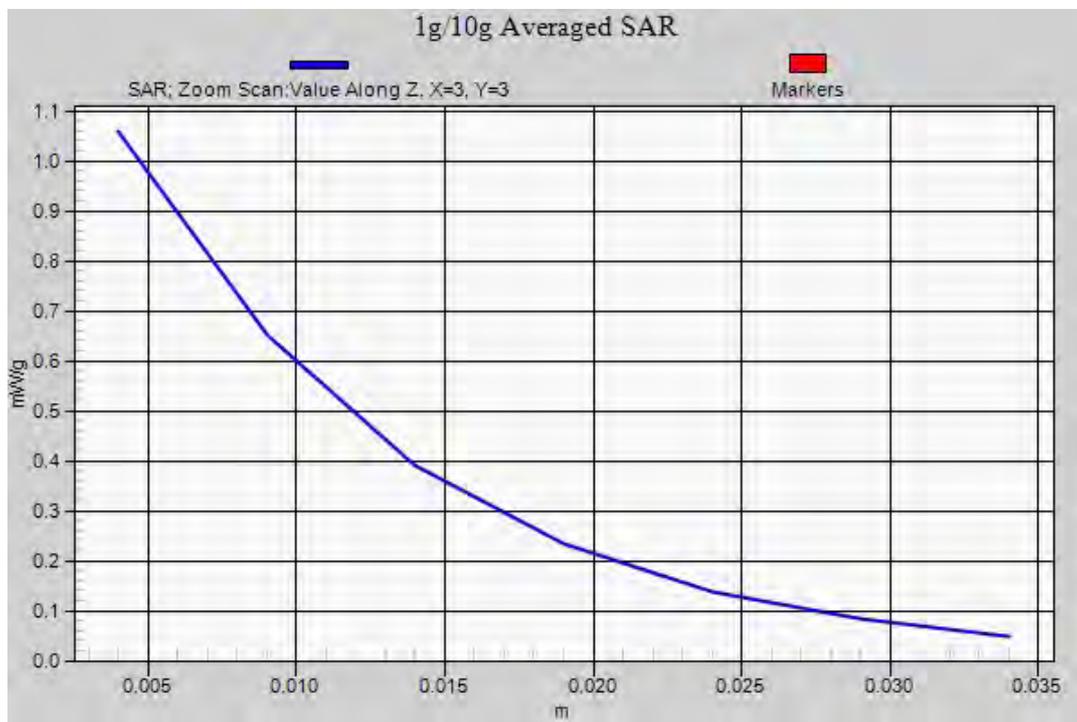
Peak SAR (extrapolated) = 1.6 W/kg

SAR(1 g) = 0.943 mW/g; SAR(10 g) = 0.497 mW/g

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



0 dB = 1.06mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 GSM1900 GPRS 2TS 661CH Left Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.73, 4.73, 4.73); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.701 mW/g

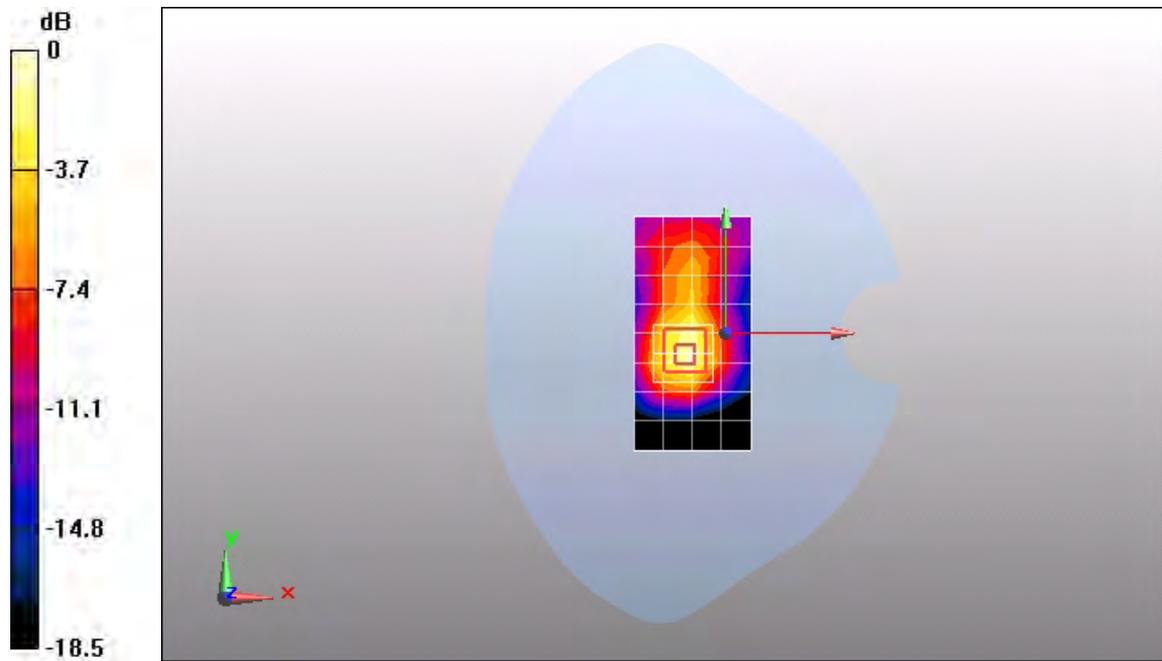
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.6 V/m; Power Drift = 0.033 dB

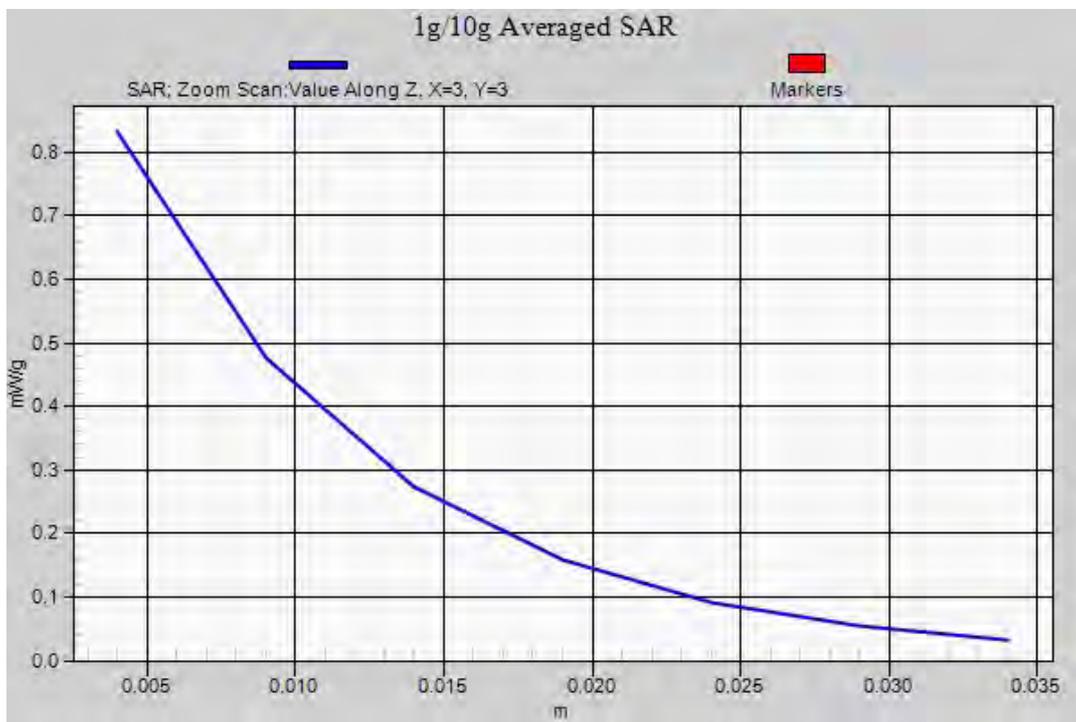
Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.733 mW/g; SAR(10 g) = 0.375 mW/g

Maximum value of SAR (measured) = 0.832 mW/g



0 dB = 0.832mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 GSM1900 GPRS 2TS 661CH Right Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.73, 4.73, 4.73); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.484 mW/g

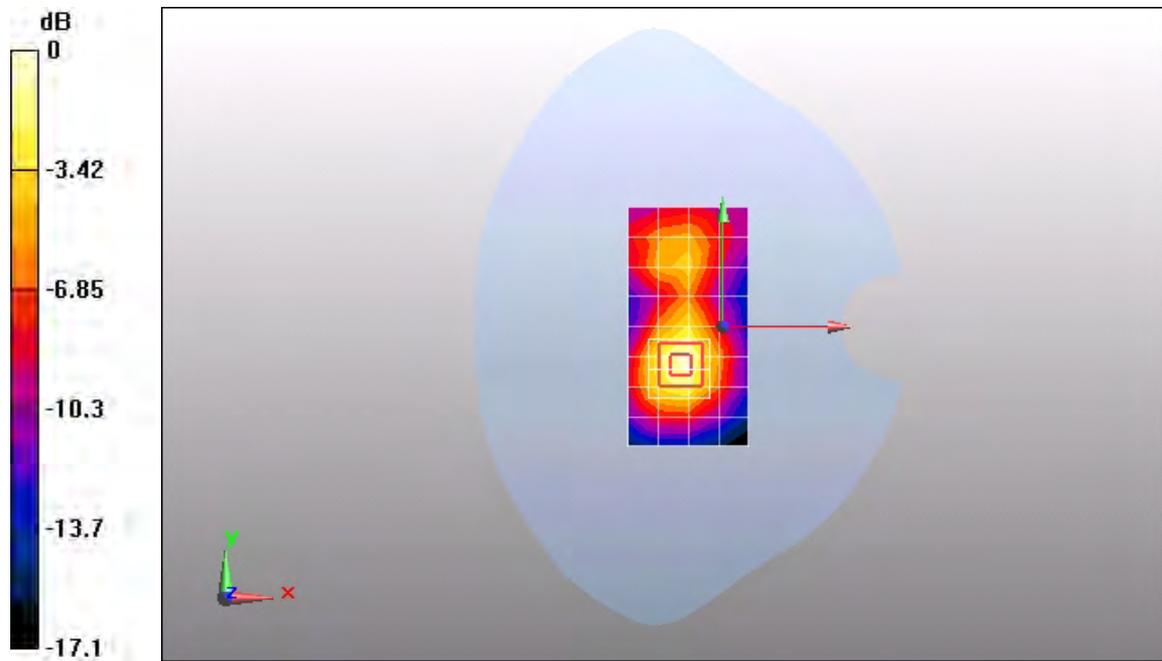
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13 V/m; Power Drift = 0.0011 dB

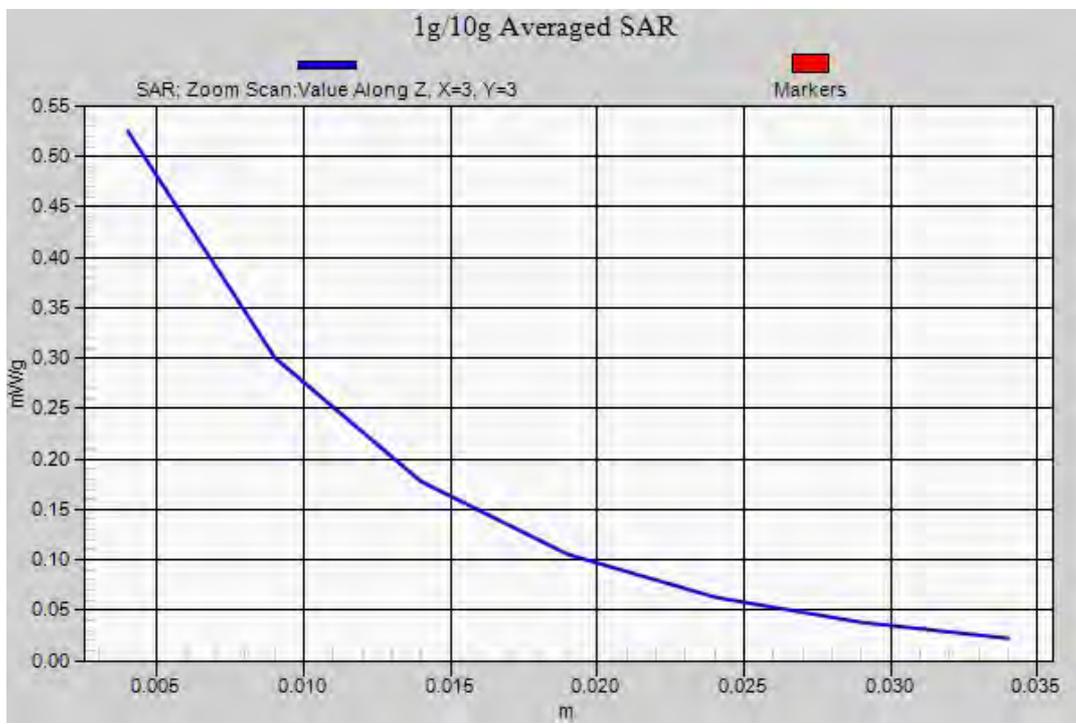
Peak SAR (extrapolated) = 0.853 W/kg

SAR(1 g) = 0.473 mW/g; SAR(10 g) = 0.255 mW/g

Maximum value of SAR (measured) = 0.525 mW/g



0 dB = 0.525mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 GSM1900 GPRS 2TS 661CH Top Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.73, 4.73, 4.73); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.155 mW/g

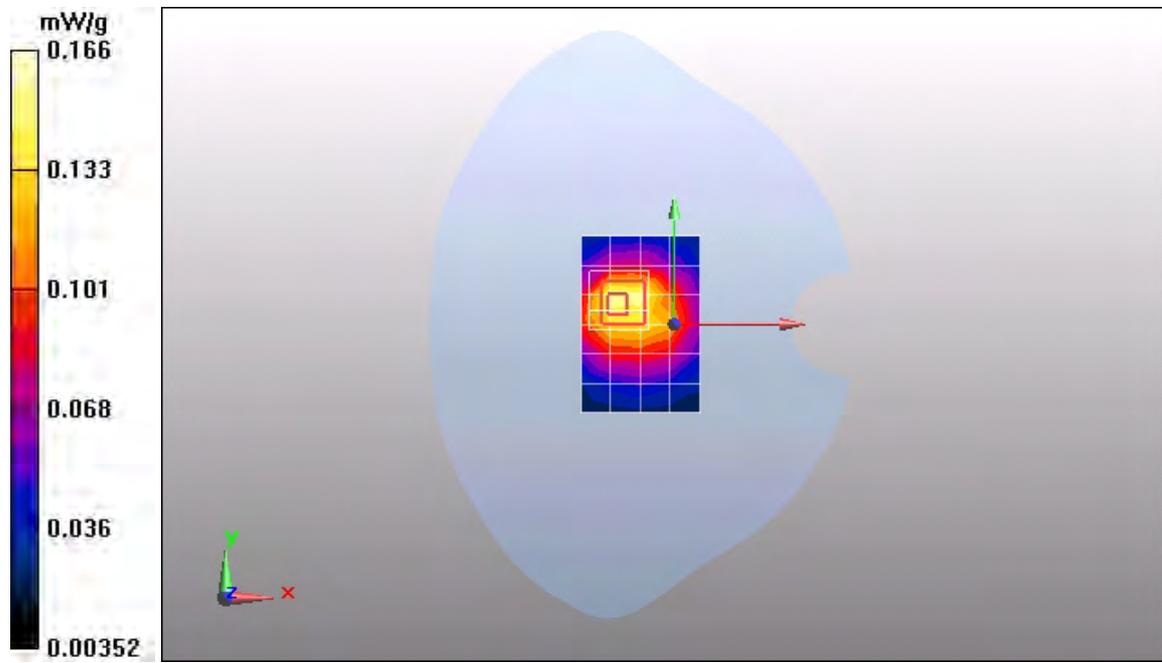
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.39 V/m; Power Drift = 0.121 dB

Peak SAR (extrapolated) = 0.252 W/kg

SAR(1 g) = 0.155 mW/g; SAR(10 g) = 0.093 mW/g

Maximum value of SAR (measured) = 0.166 mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 GSM1900 GPRS 2TS 810CH Back Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.6$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.73, 4.73, 4.73); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.925 mW/g

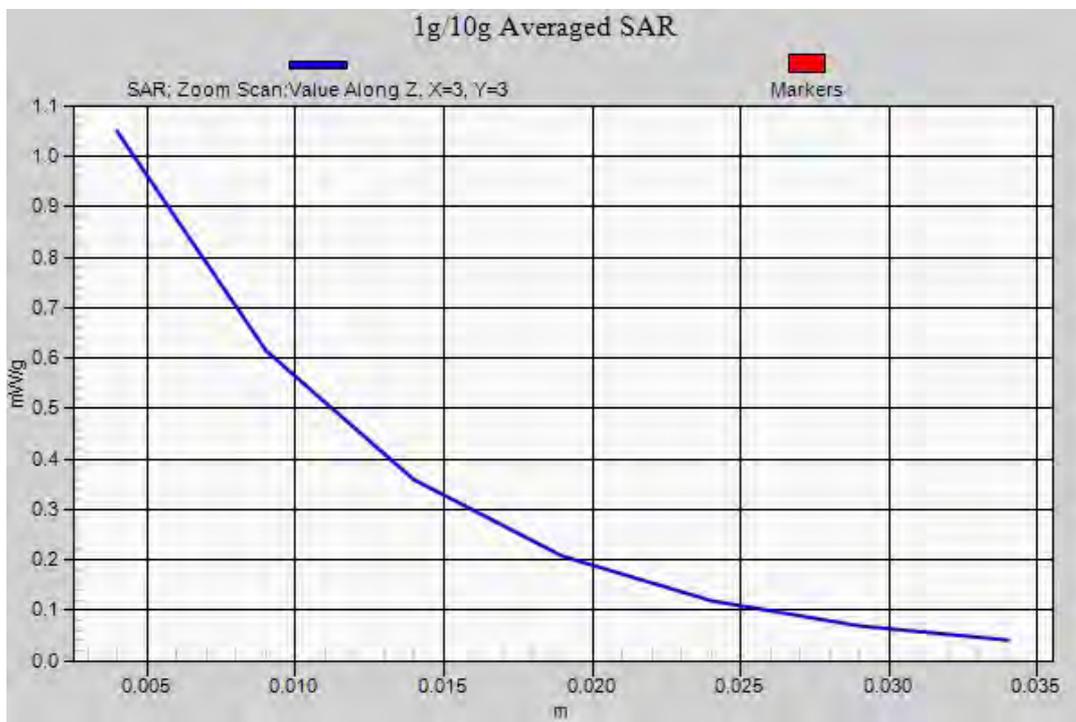
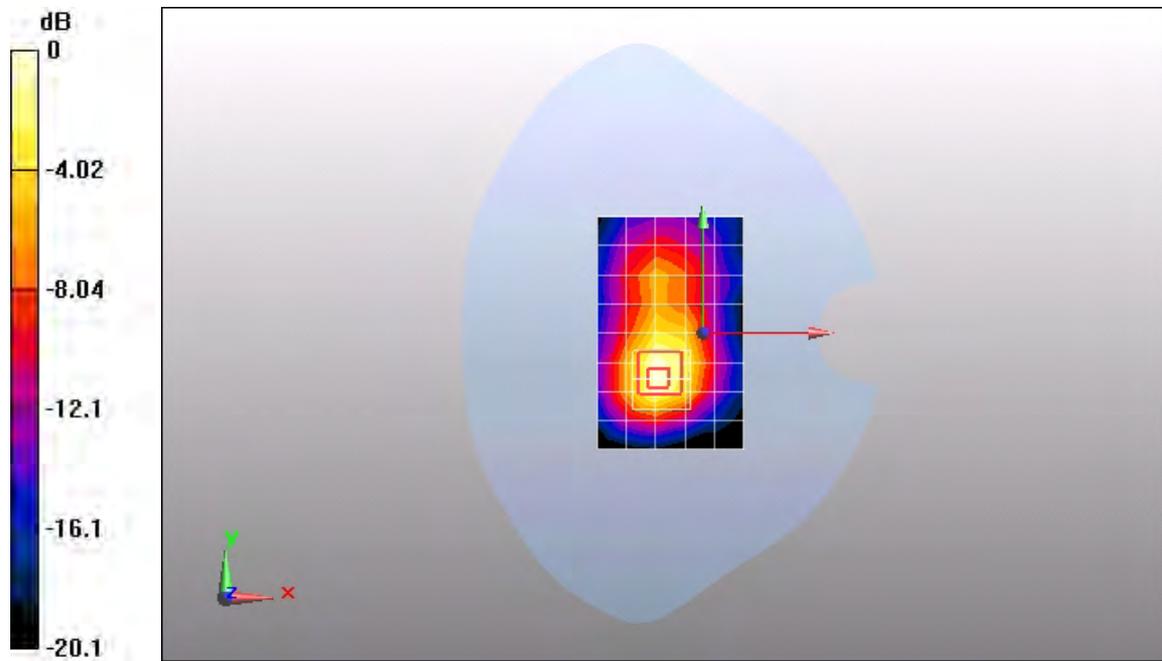
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.9 V/m; Power Drift = 0.109 dB

Peak SAR (extrapolated) = 1.7 W/kg

SAR(1 g) = 0.946 mW/g; SAR(10 g) = 0.508 mW/g

Maximum value of SAR (measured) = 1.05 mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 GSM1900 GPRS 2TS 512CH Back Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.73, 4.73, 4.73); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.967 mW/g

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

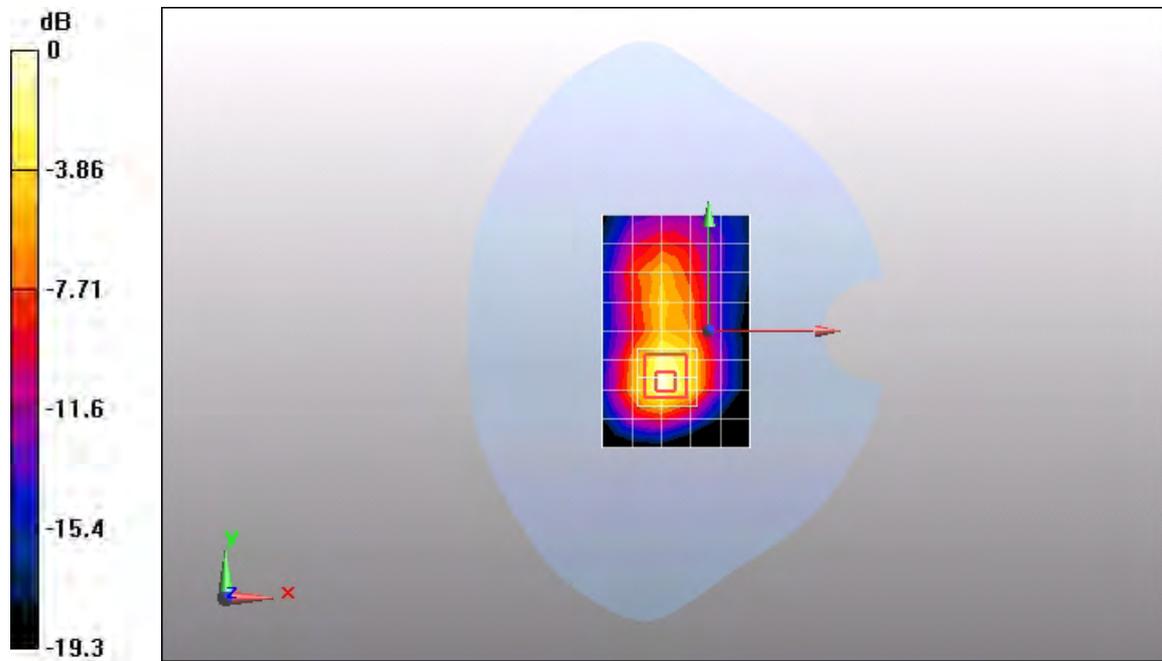
Reference Value = 15.6 V/m; Power Drift = 0.058 dB

Peak SAR (extrapolated) = 1.77 W/kg

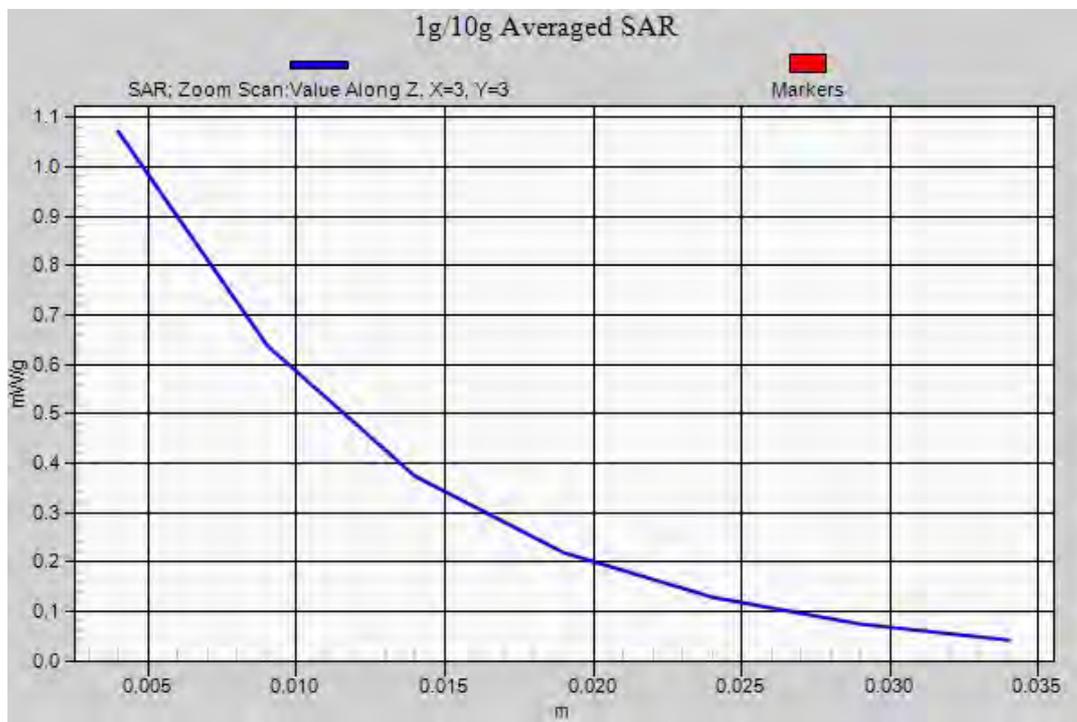
SAR(1 g) = 0.967 mW/g; SAR(10 g) = 0.490 mW/g

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

Maximum value of SAR (measured) = 1.07 mW/g



0 dB = 1.07mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 GSM1900 GPRS 3TS 810CH Back Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

Communication System: HW -GSM/GPRS/EDGE 3TS; Frequency: 1909.8 MHz

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.6$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.73, 4.73, 4.73); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.910 mW/g

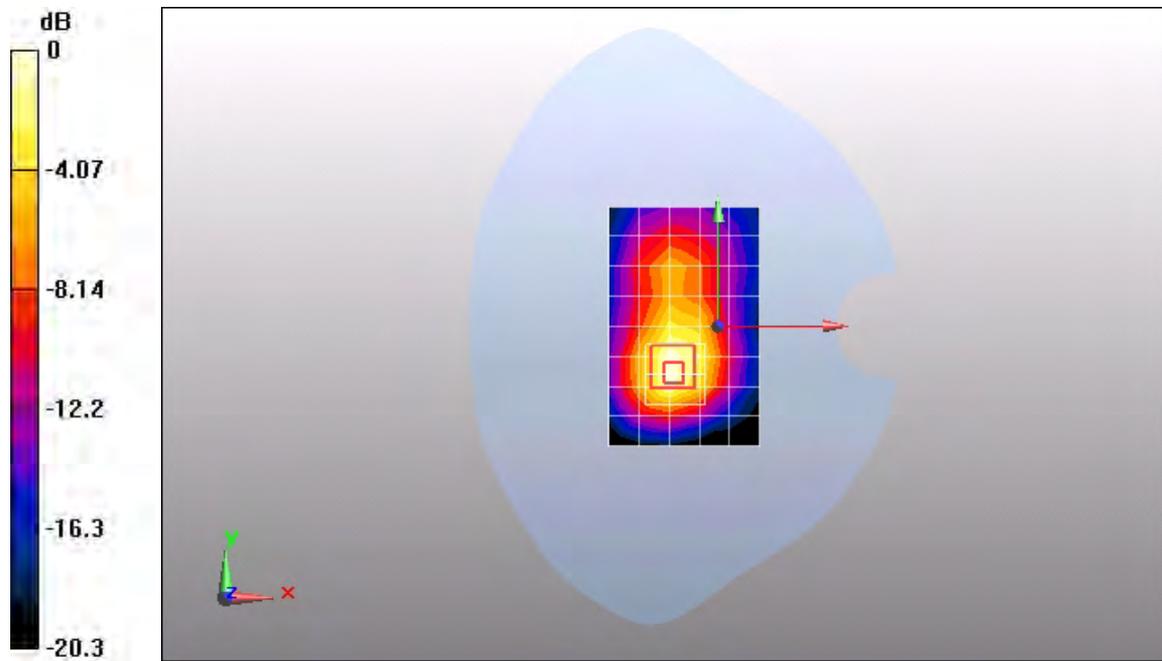
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.2 V/m; Power Drift = 0.036 dB

Peak SAR (extrapolated) = 1.64 W/kg

SAR(1 g) = 0.925 mW/g; SAR(10 g) = 0.501 mW/g

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



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 GSM1900 GPRS 3TS 512CH Back Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

Communication System: HW -GSM/GPRS/EDGE 3TS; Frequency: 1850.2 MHz

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.73, 4.73, 4.73); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.925 mW/g

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

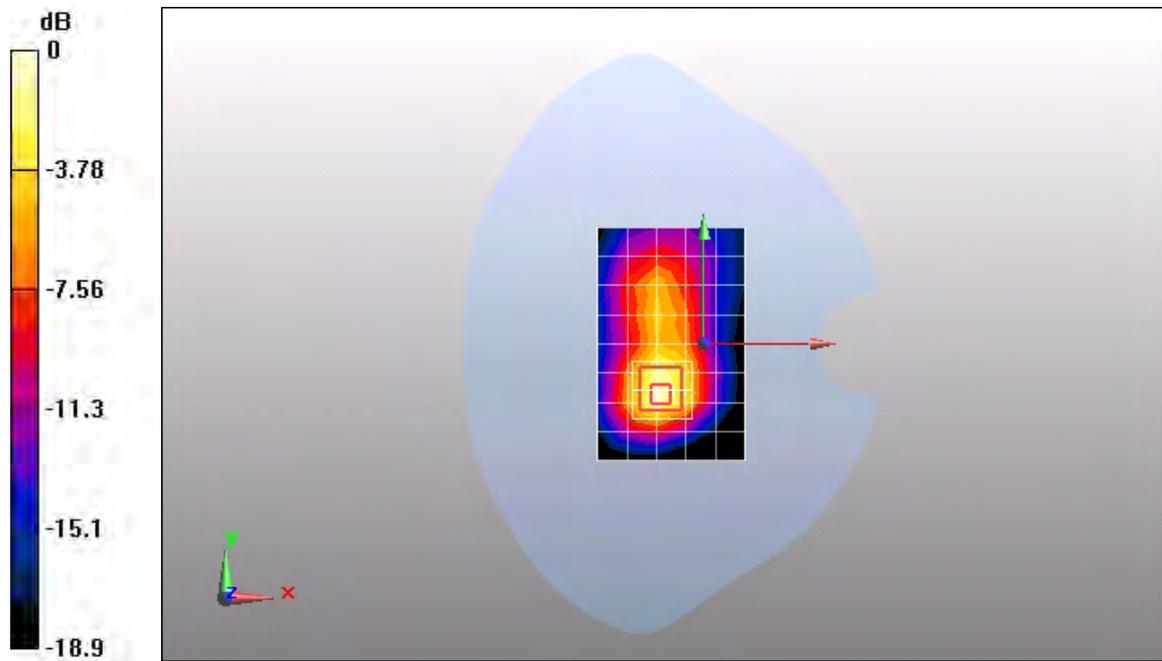
Reference Value = 15.2 V/m; Power Drift = 0.061 dB

Peak SAR (extrapolated) = 1.69 W/kg

SAR(1 g) = 0.915 mW/g; SAR(10 g) = 0.464 mW/g

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

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



0 dB = 1.02mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 GSM1900 GPRS 2TS 810CH Front Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.6$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.73, 4.73, 4.73); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.878 mW/g

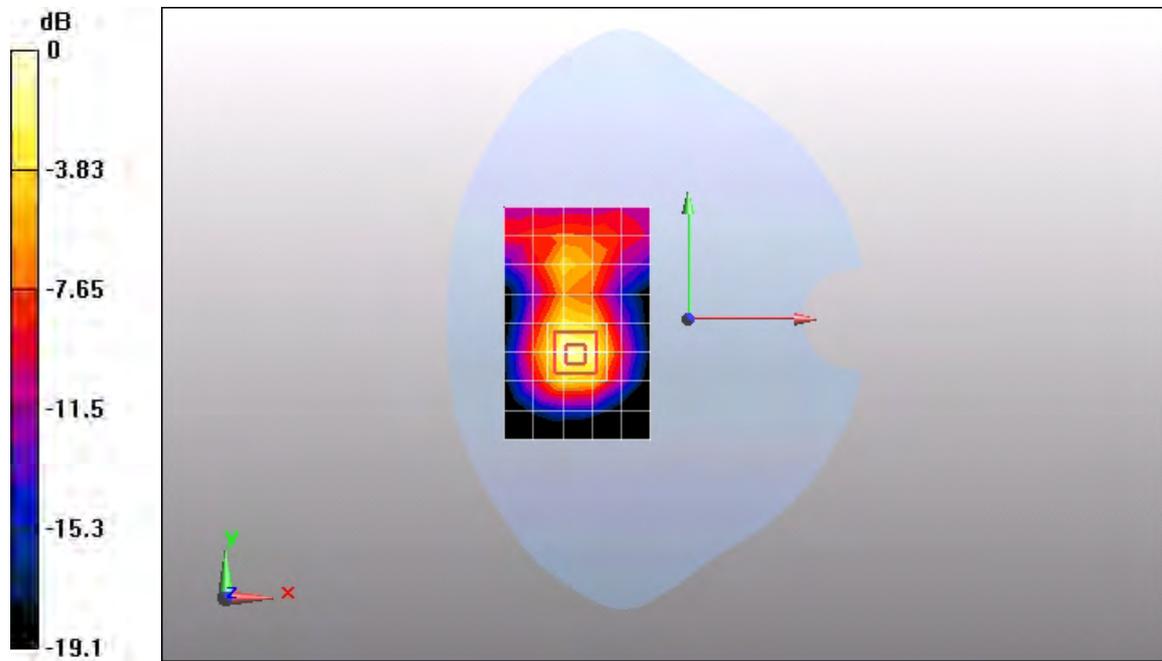
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.61 V/m; Power Drift = 0.067 dB

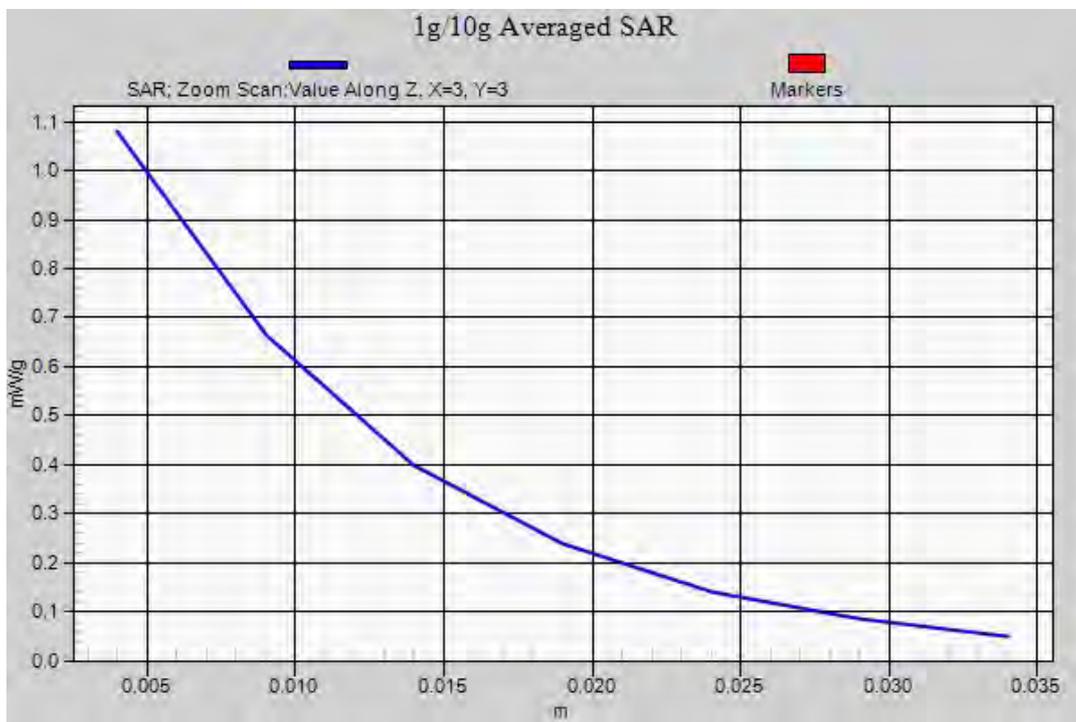
Peak SAR (extrapolated) = 1.65 W/kg

SAR(1 g) = 0.967 mW/g; SAR(10 g) = 0.511 mW/g

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



0 dB = 1.08mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 GSM1900 GPRS 2TS 512CH Front Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.73, 4.73, 4.73); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.945 mW/g

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

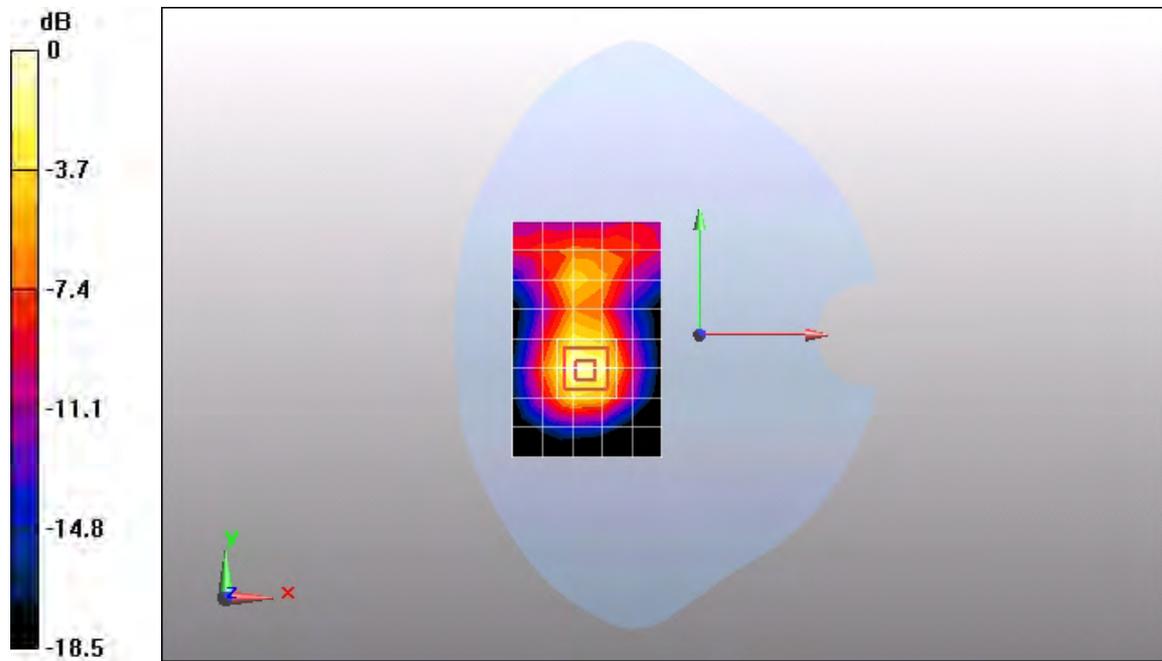
Reference Value = 2.7 V/m; Power Drift = 0.189 dB

Peak SAR (extrapolated) = 1.68 W/kg

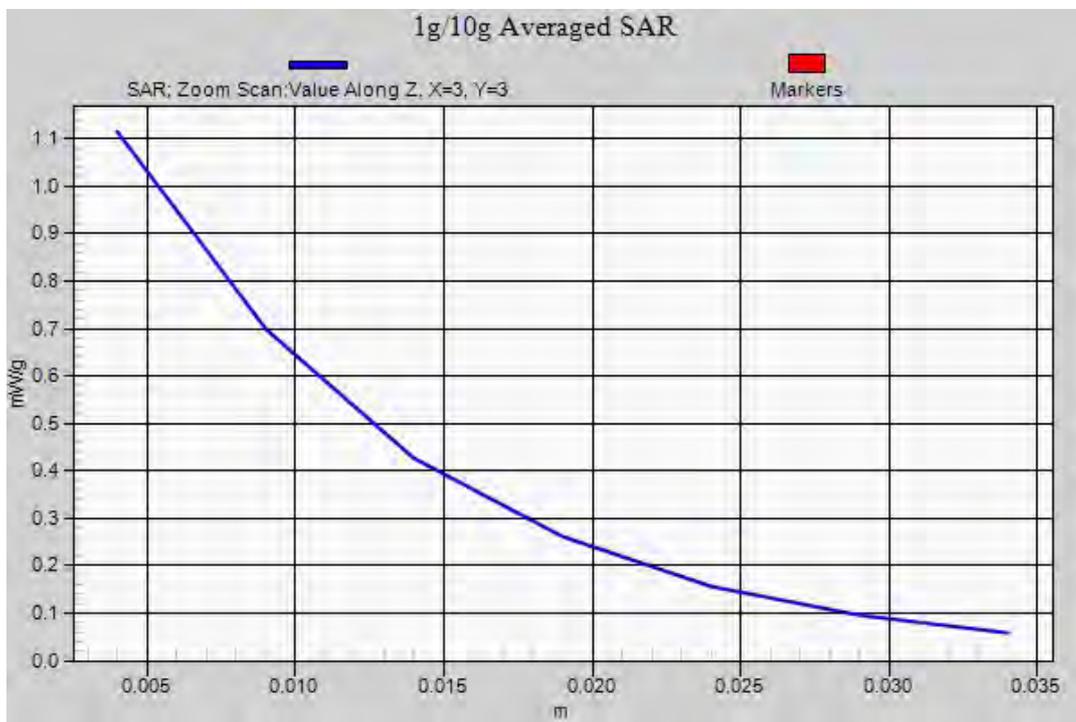
SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.540 mW/g

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

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



0 dB = 1.1mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 GSM1900 EDGE 1TS 661CH Back Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.73, 4.73, 4.73); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.754 mW/g

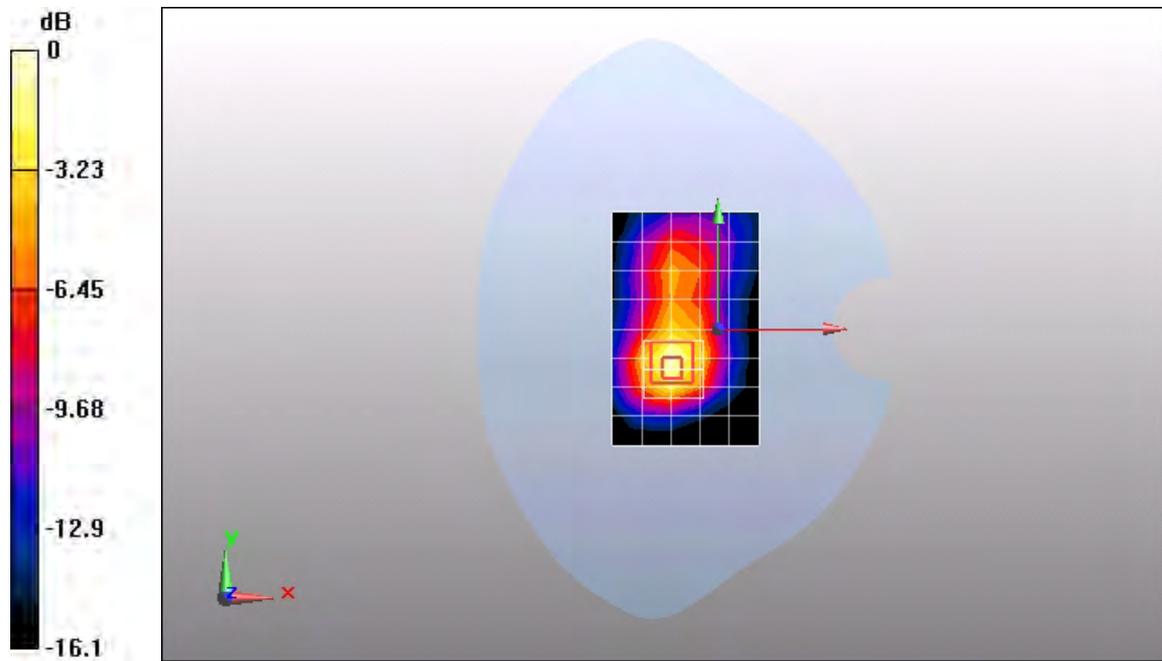
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.5 V/m; Power Drift = -0.057 dB

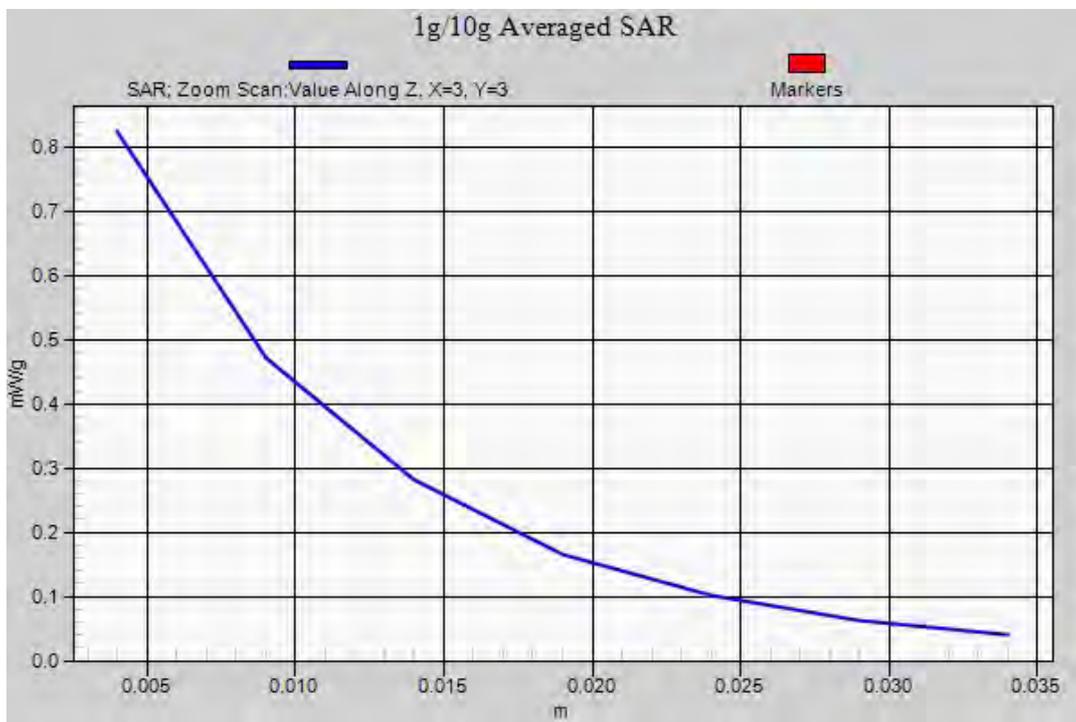
Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.729 mW/g; SAR(10 g) = 0.382 mW/g

Maximum value of SAR (measured) = 0.824 mW/g



0 dB = 0.824mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 GSM1900 EDGE 2TS 661CH Back Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.73, 4.73, 4.73); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.936 mW/g

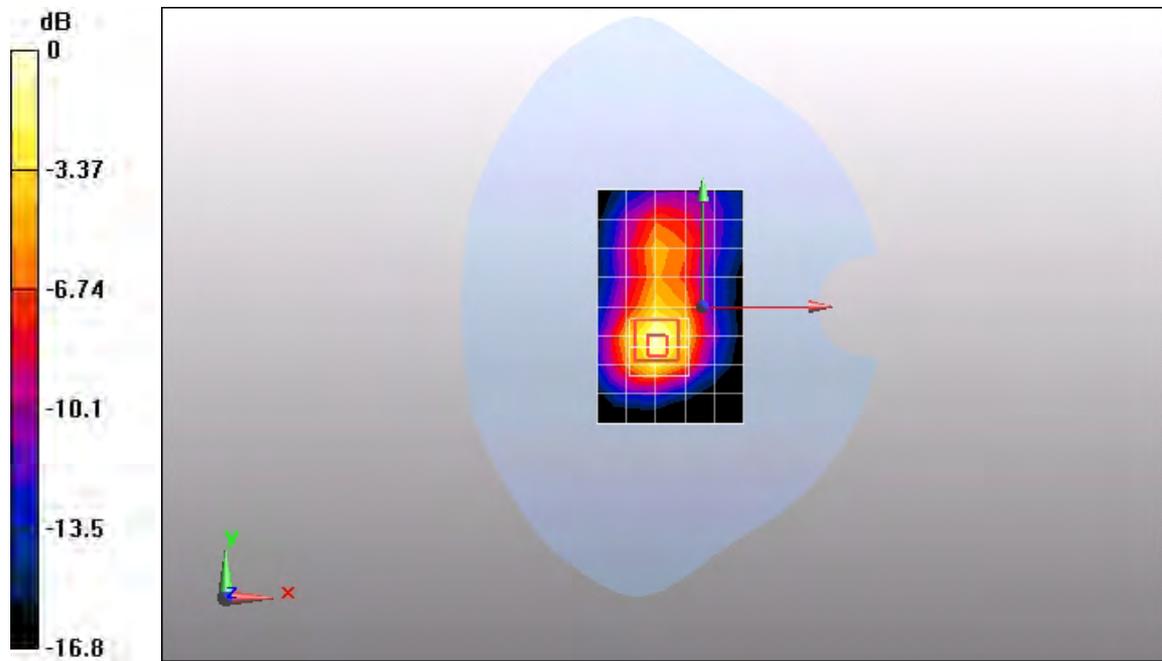
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.2 V/m; Power Drift = 0.012 dB

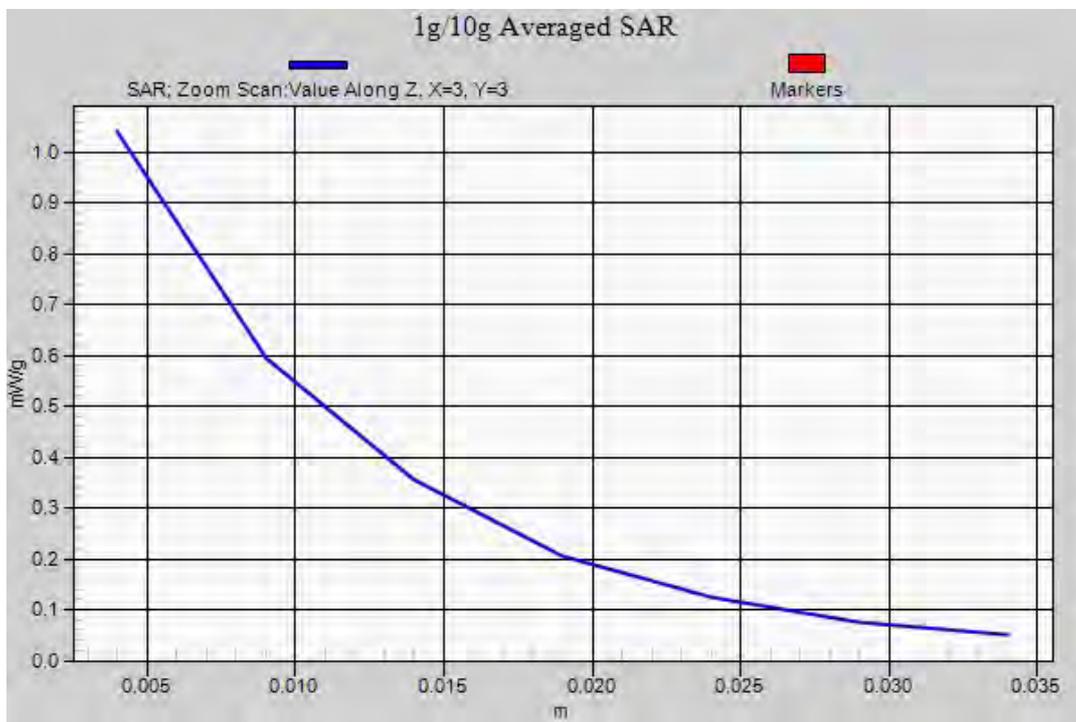
Peak SAR (extrapolated) = 1.68 W/kg

SAR(1 g) = 0.919 mW/g; SAR(10 g) = 0.480 mW/g

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



0 dB = 1.04mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 GSM1900 EDGE 3TS 661CH Back Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.73, 4.73, 4.73); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.910 mW/g

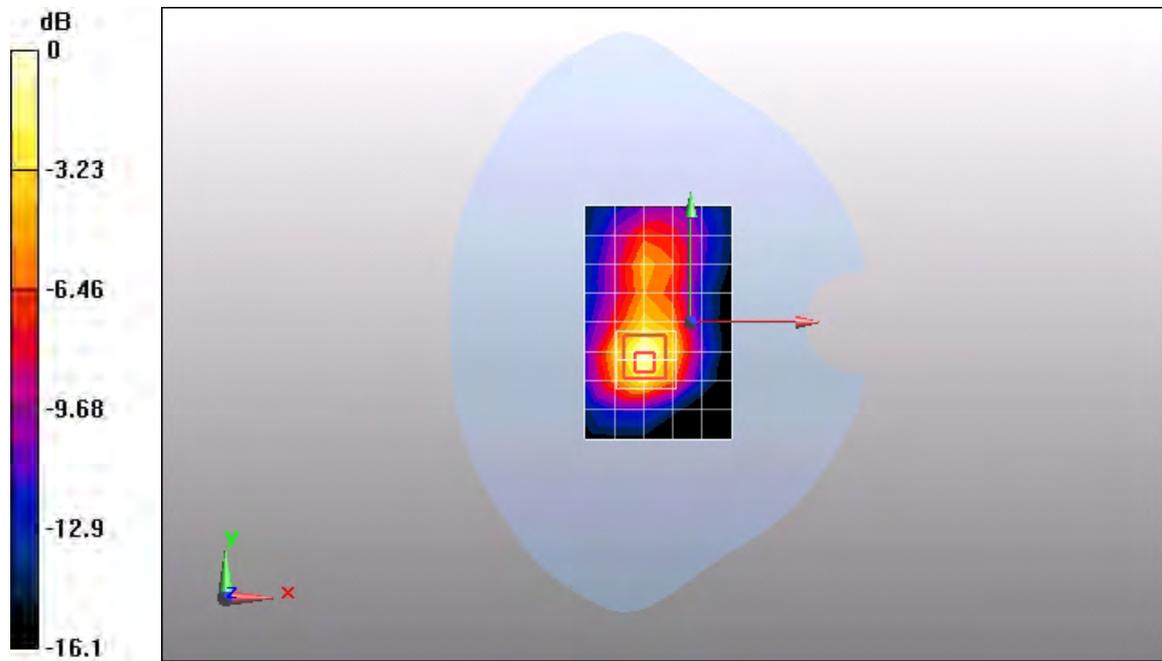
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.8 V/m; Power Drift = 0.059 dB

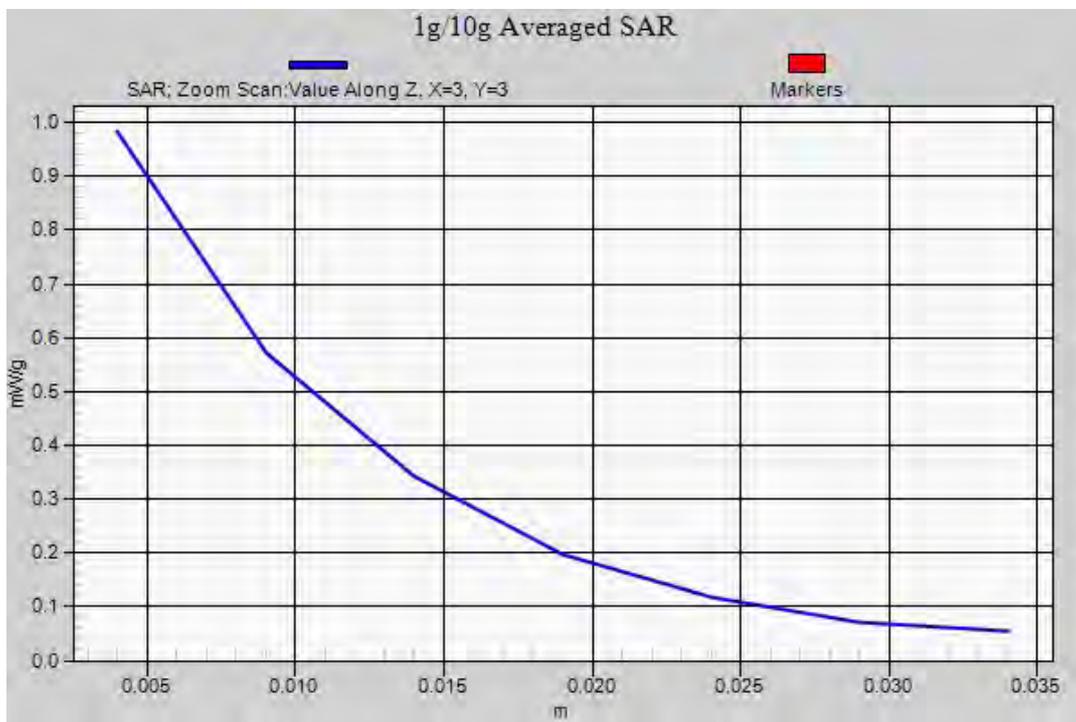
Peak SAR (extrapolated) = 1.6 W/kg

SAR(1 g) = 0.879 mW/g; SAR(10 g) = 0.458 mW/g

Maximum value of SAR (measured) = 0.983 mW/g



0 dB = 0.983mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 GSM1900 EDGE 4TS 661CH Back Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.73, 4.73, 4.73); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

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

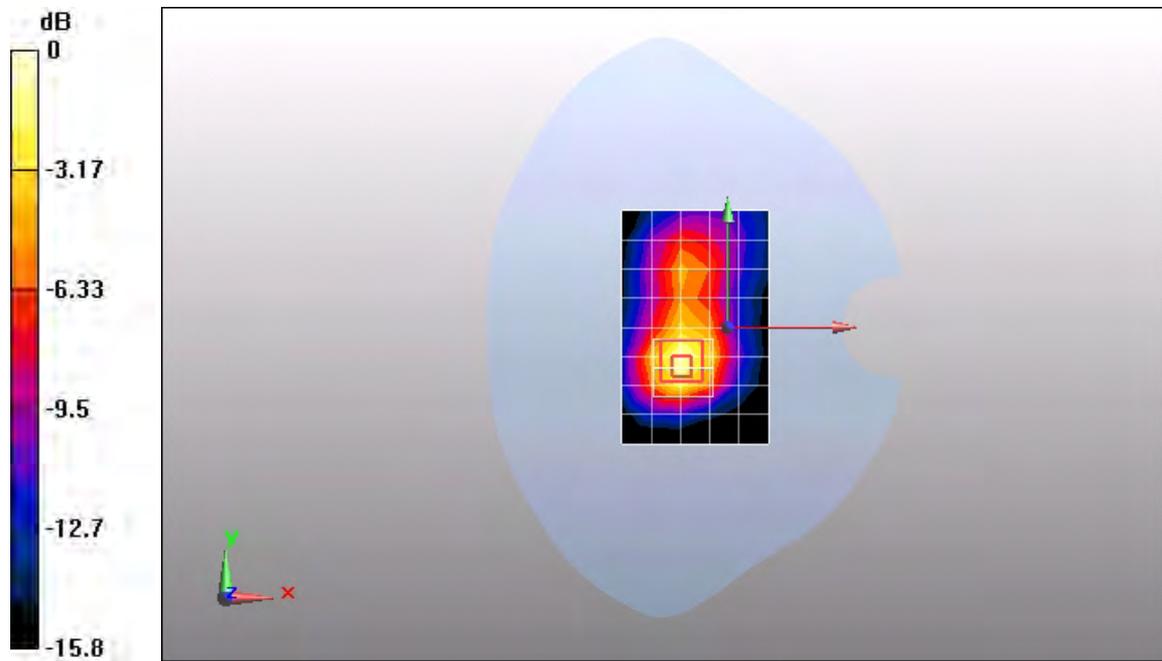
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.6 V/m; Power Drift = 0.098 dB

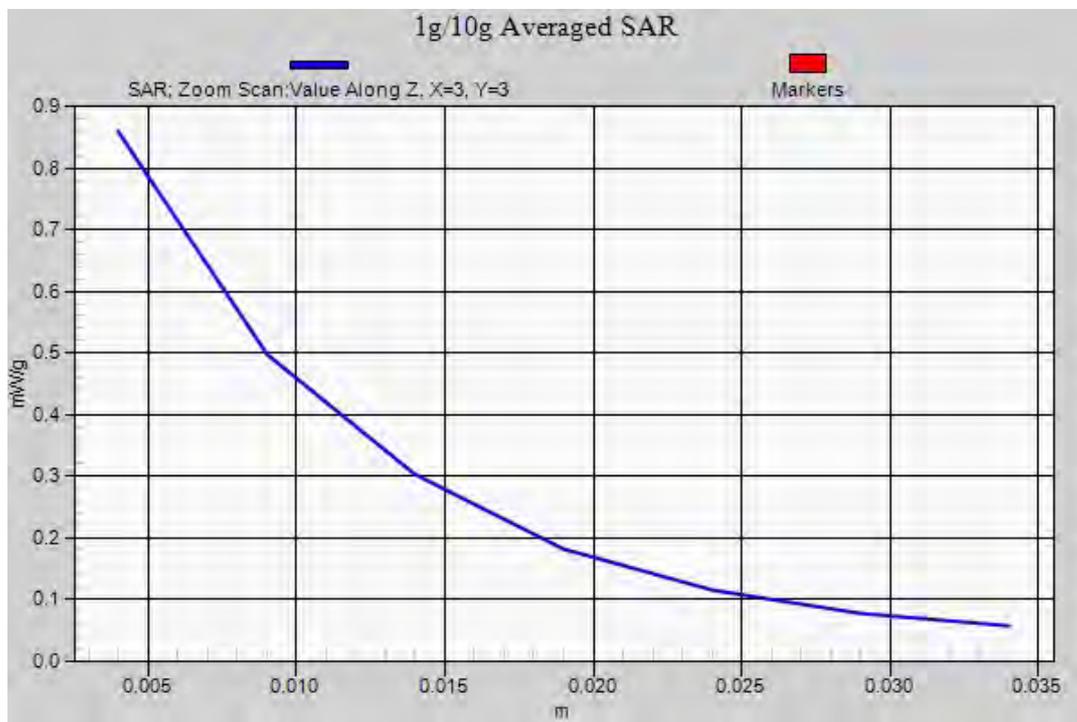
Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.762 mW/g; SAR(10 g) = 0.404 mW/g

Maximum value of SAR (measured) = 0.859 mW/g



0 dB = 0.859mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 GSM1900 EDGE 2TS 810CH Back Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.6$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.73, 4.73, 4.73); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.947 mW/g

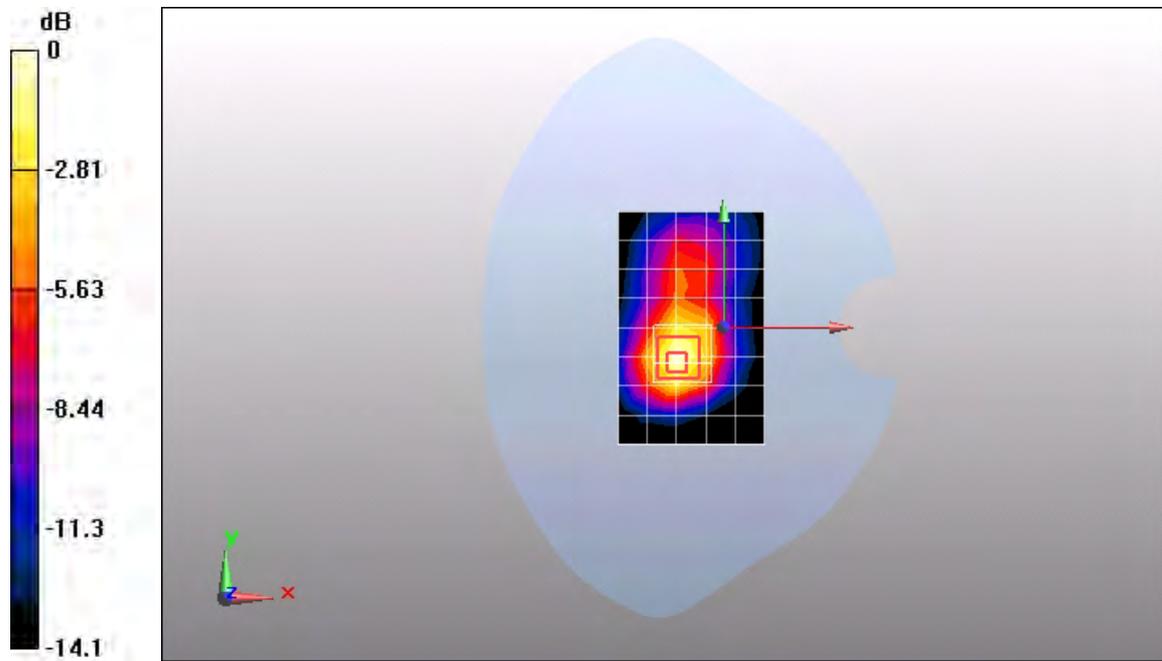
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.6 V/m; Power Drift = 0.027 dB

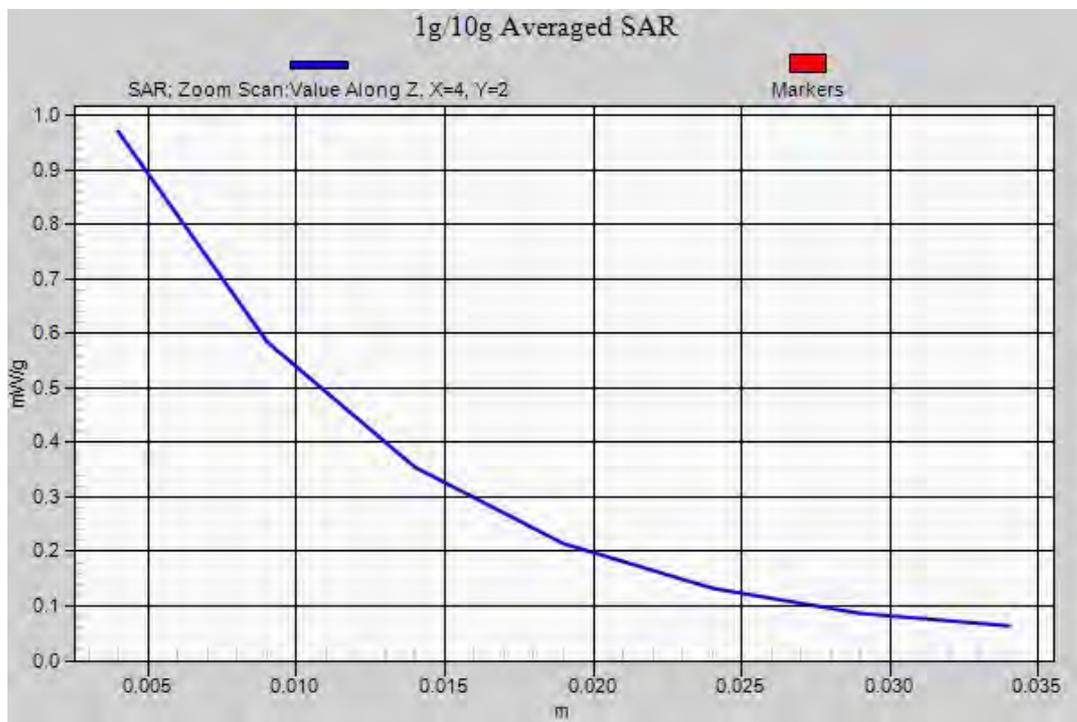
Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 0.882 mW/g; SAR(10 g) = 0.488 mW/g

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



0 dB = 0.971mW/g



Date/Time: 7/19/2011 12:25:37, Date/Time: 7/19/2011 12:30:50

Test Laboratory: HUAWEI SAR Lab

E352Ls-5 GSM1900 EDGE 2TS 512CH Back Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 1850.2 MHz Medium parameters used (interpolated): $f = 1850.2 \text{ MHz}$; $\sigma = 1.53 \text{ mho/m}$; $\epsilon_r = 53.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

Probe: ES3DV3 -SN3254; ConvF(4.73, 4.73, 4.73); Calibrated: 3/11/2011

Sensor-Surface: 4mm (Mechanical Surface Detection)

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

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

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

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.880 mW/g

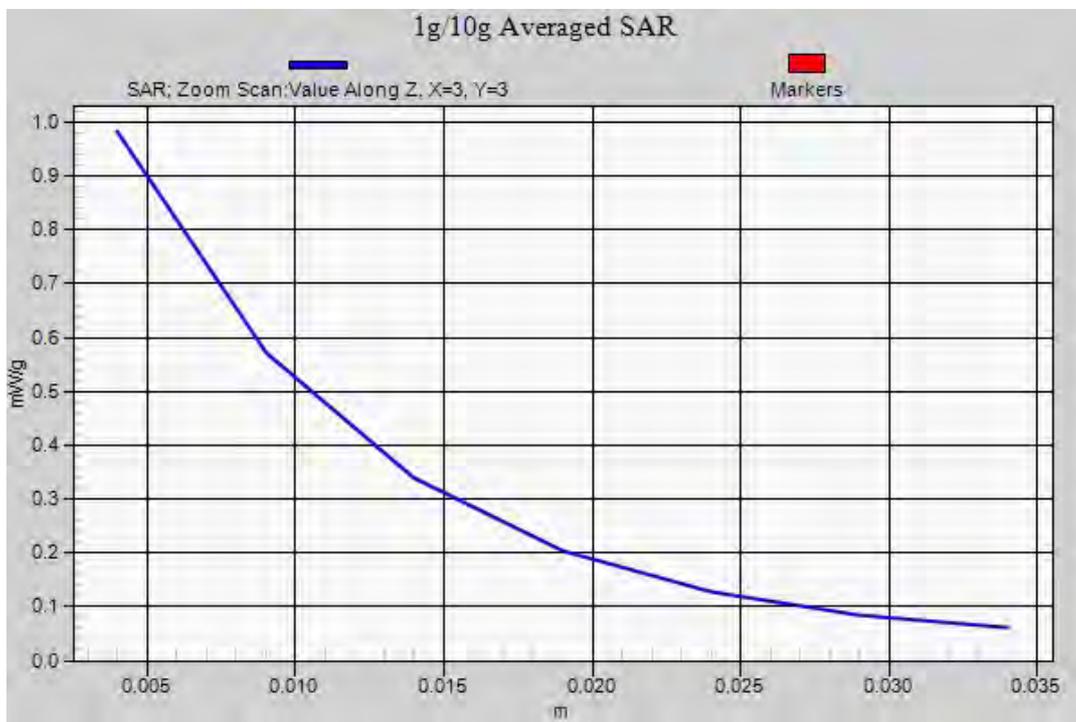
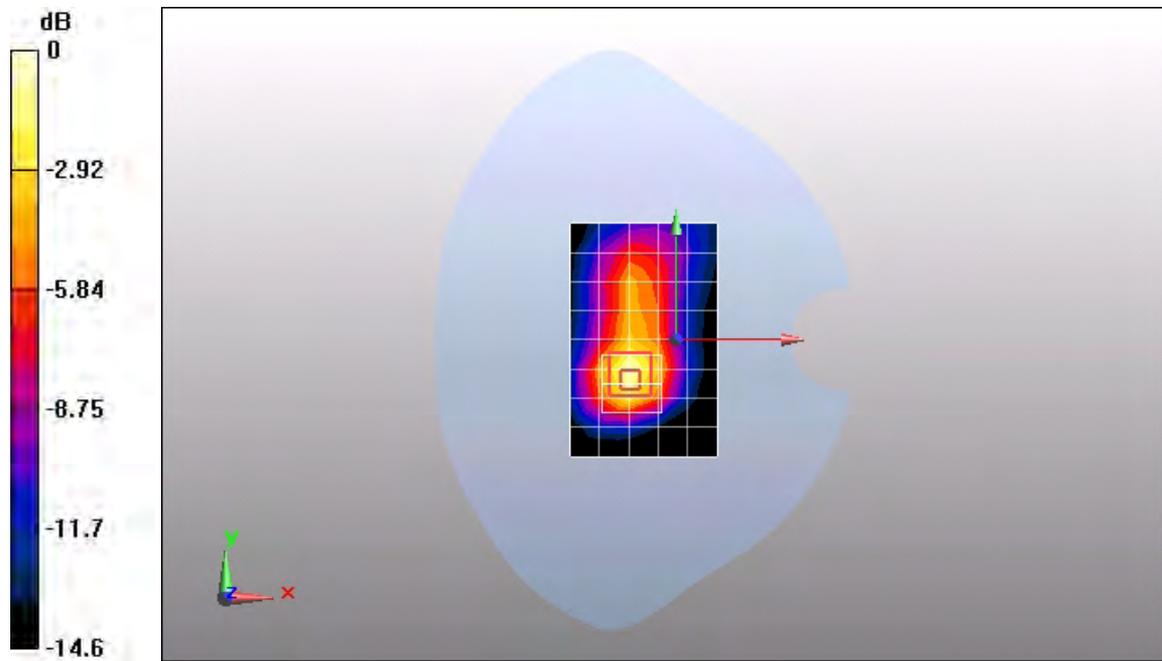
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17 V/m; Power Drift = 0.091 dB Peak SAR (extrapolated) = 1.6 W/kg

SAR(1 g) = 0.881 mW/g; SAR(10 g) = 0.461 mW/g

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

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



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 GSM1900 EDGE 3TS 810CH Back Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

Communication System: HW -GSM/GPRS/EDGE 3TS; Frequency: 1909.8 MHz

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.6$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.73, 4.73, 4.73); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

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

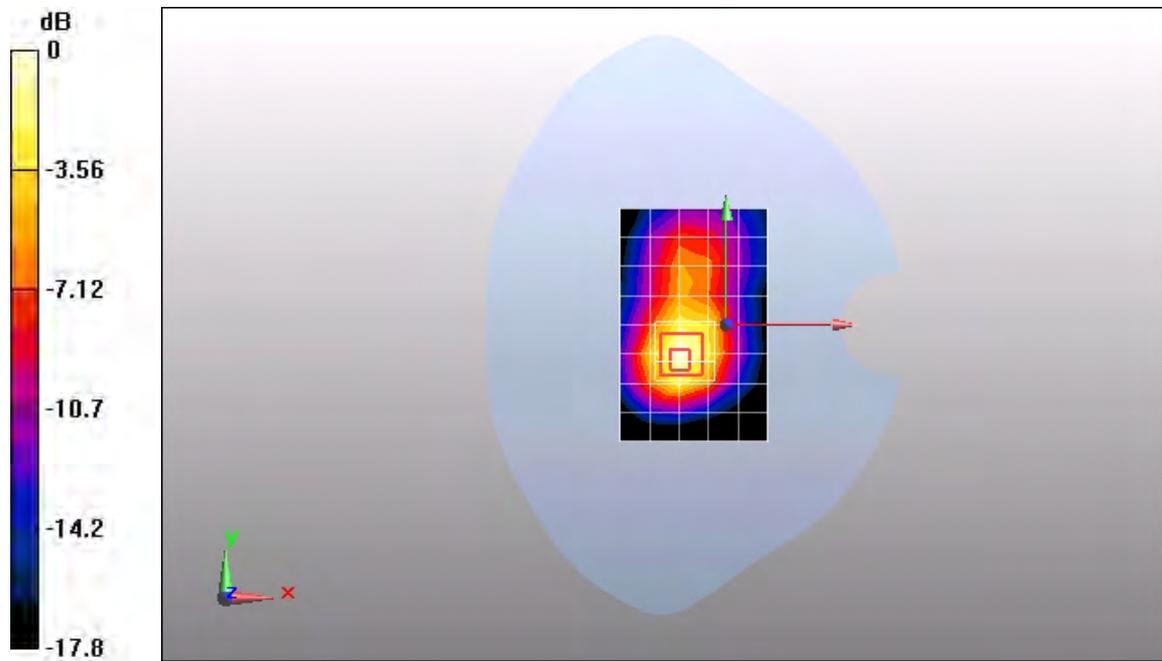
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.1 V/m; Power Drift = 0.016 dB

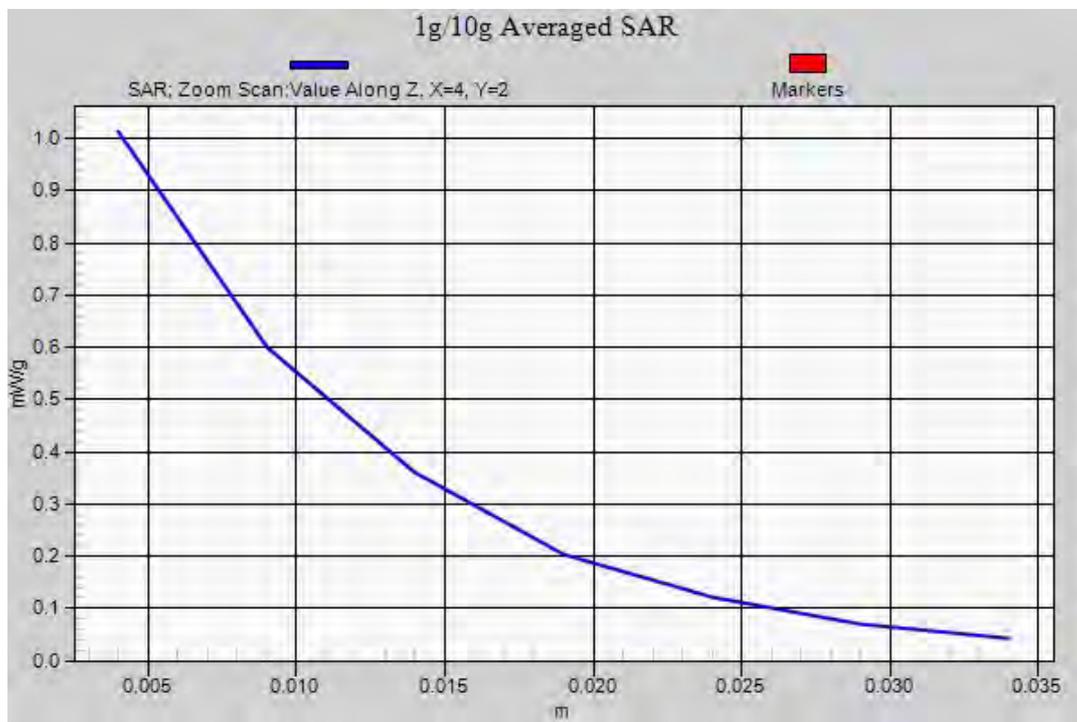
Peak SAR (extrapolated) = 1.64 W/kg

SAR(1 g) = 0.922 mW/g; SAR(10 g) = 0.499 mW/g

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



0 dB = 1.01mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 GSM1900 EDGE 3TS 512CH Back Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

Communication System: HW -GSM/GPRS/EDGE 3TS; Frequency: 1850.2 MHz

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.73, 4.73, 4.73); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.876 mW/g

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

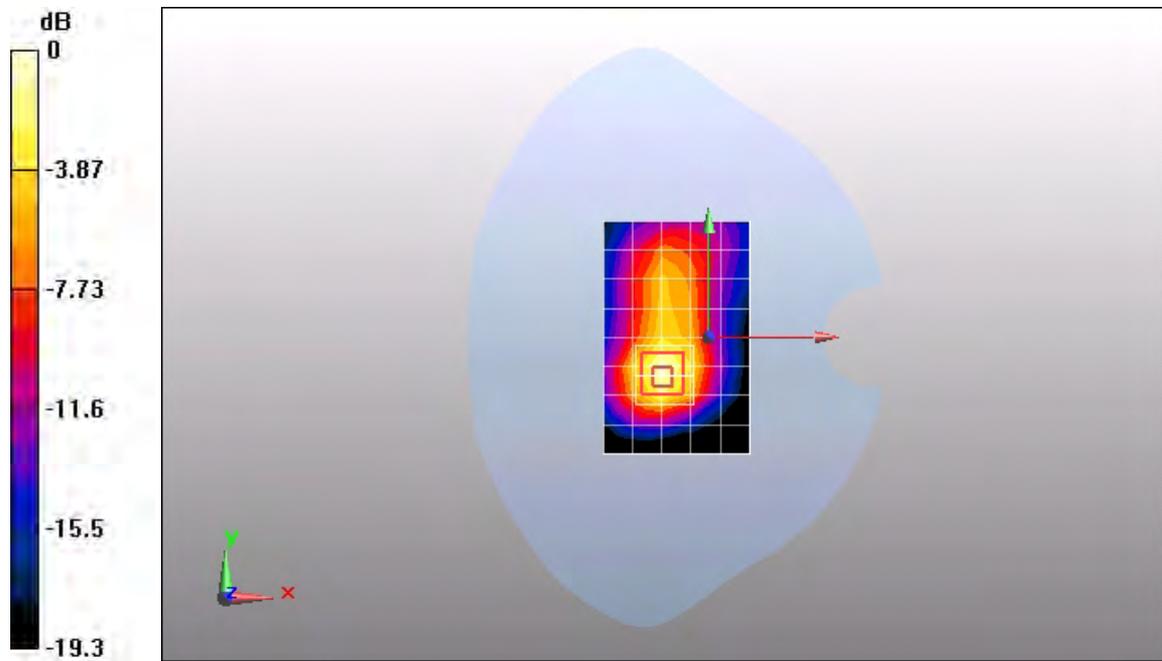
Reference Value = 16.7 V/m; Power Drift = 0.049 dB

Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 0.883 mW/g; SAR(10 g) = 0.448 mW/g

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

Maximum value of SAR (measured) = 0.990 mW/g



0 dB = 0.990mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 WCDMA850 4182CH Back Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

Communication System: HW -UMTS-FDD; Frequency: 836.4 MHz

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.979$ 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: ES3DV3 - SN3254; ConvF(6.03, 6.03, 6.03); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.599 mW/g

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

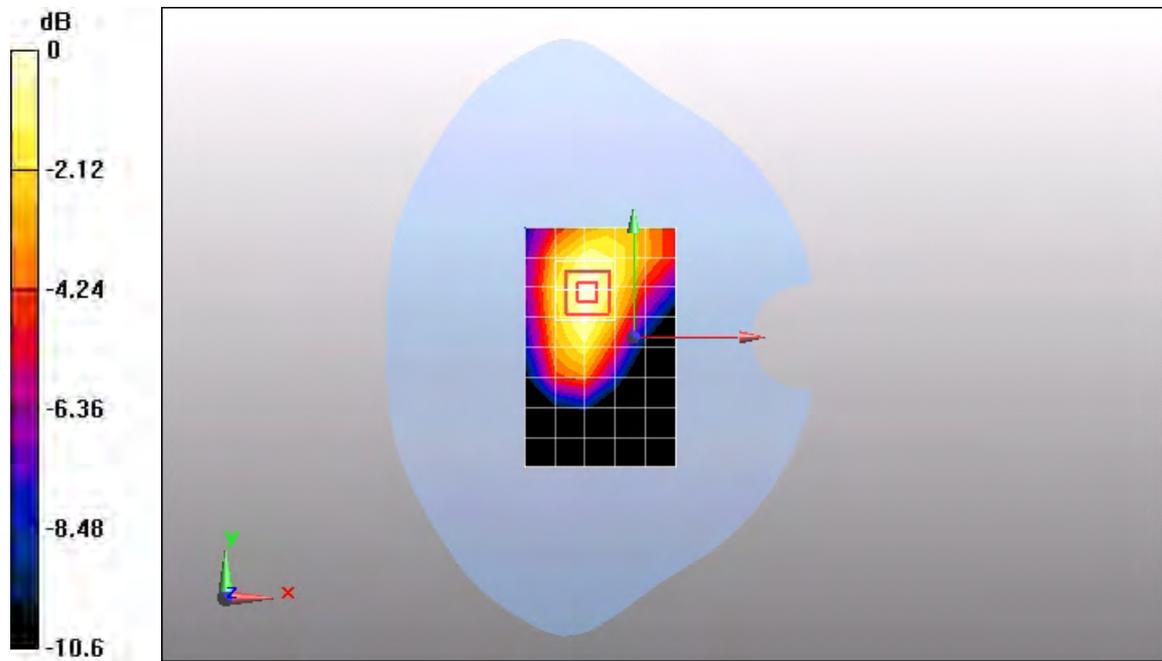
Reference Value = 19.7 V/m; Power Drift = 0.017 dB

Peak SAR (extrapolated) = 0.806 W/kg

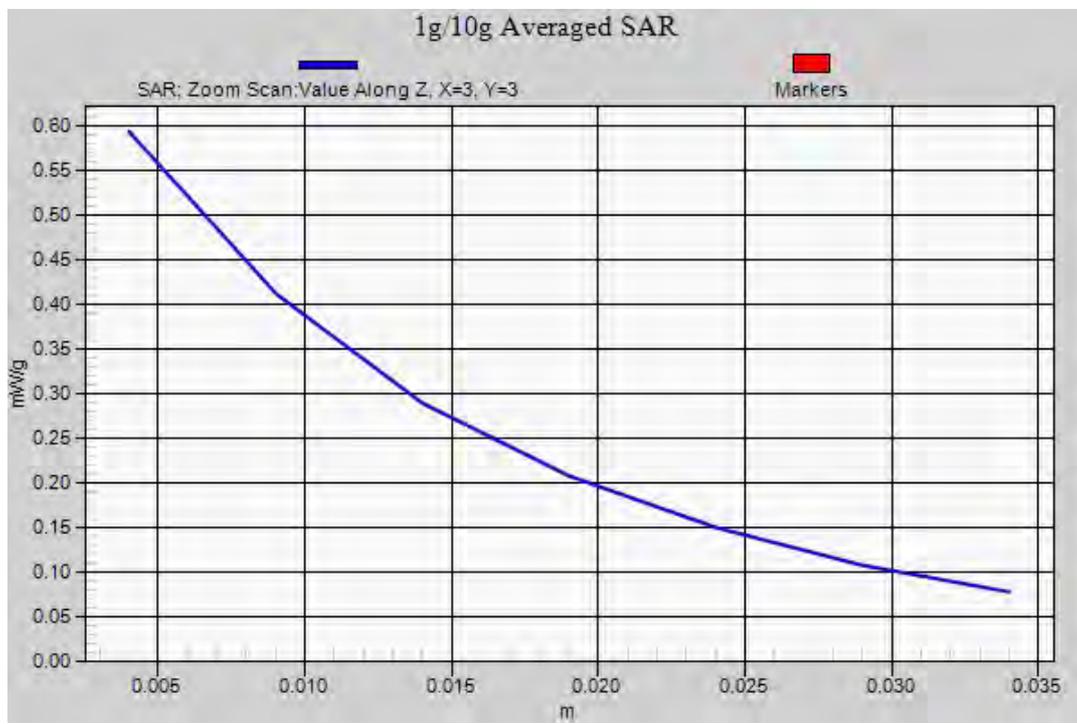
SAR(1 g) = 0.554 mW/g; SAR(10 g) = 0.369 mW/g

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

Maximum value of SAR (measured) = 0.593 mW/g



0 dB = 0.593mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 WCDMA850 4182CH Front Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

Communication System: HW -UMTS-FDD; Frequency: 836.4 MHz

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.979$ 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: ES3DV3 - SN3254; ConvF(6.03, 6.03, 6.03); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.829 mW/g

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

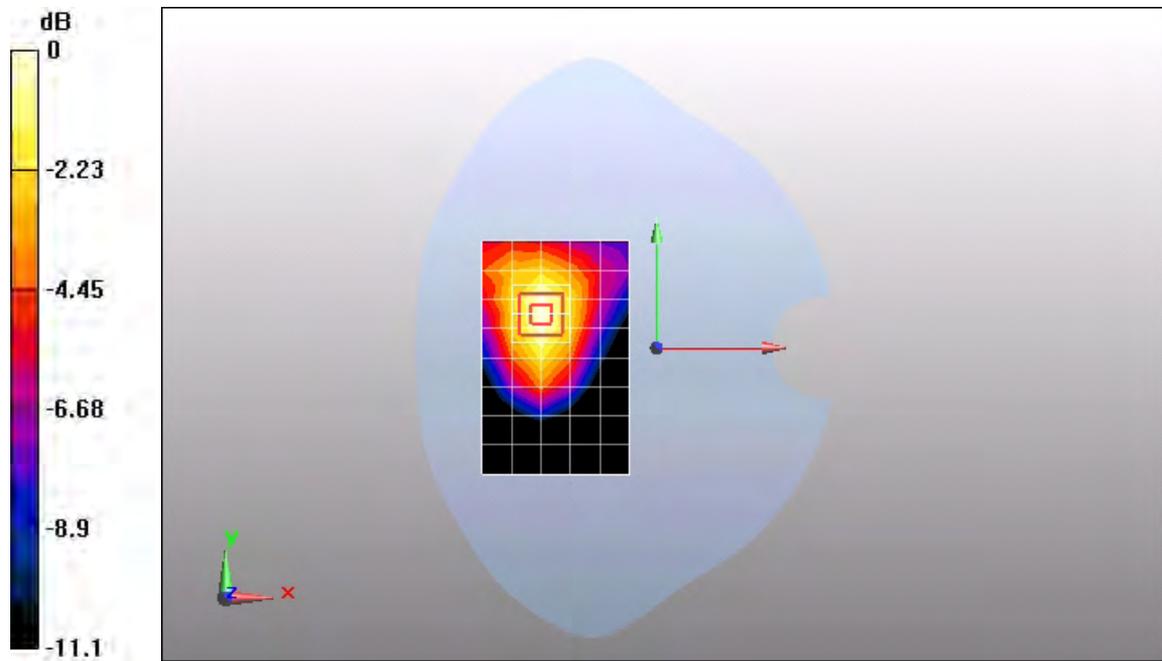
Reference Value = 6.96 V/m; Power Drift = 0.089 dB

Peak SAR (extrapolated) = 1.22 W/kg

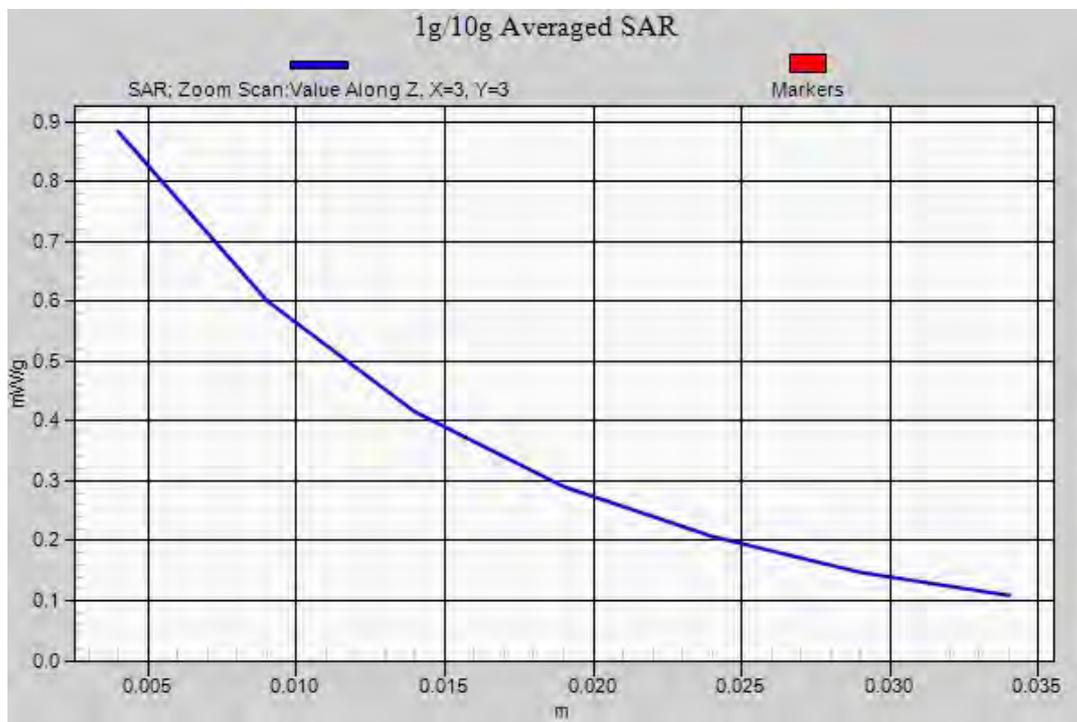
SAR(1 g) = 0.814 mW/g; SAR(10 g) = 0.525 mW/g

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

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



0 dB = 0.883mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 WCDMA 850 4182CH Left Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

Communication System: HW -UMTS-FDD; Frequency: 836.4 MHz

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.979$ 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: ES3DV3 - SN3254; ConvF(6.03, 6.03, 6.03); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.546 mW/g

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

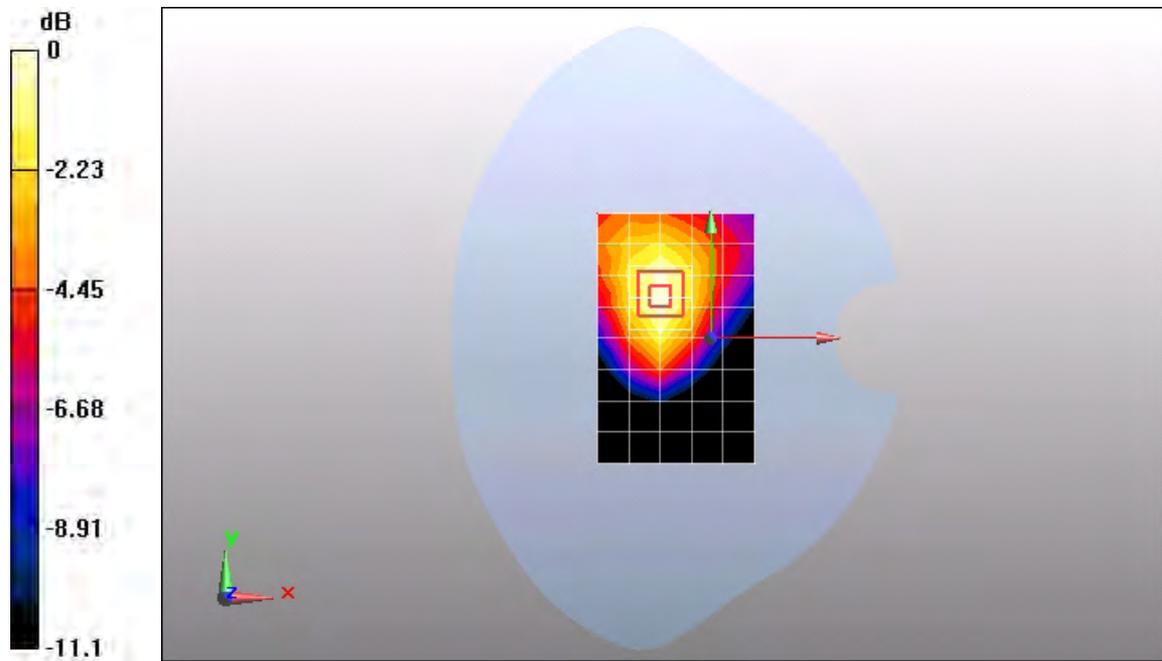
Reference Value = 18.6 V/m; Power Drift = 0.064 dB

Peak SAR (extrapolated) = 0.805 W/kg

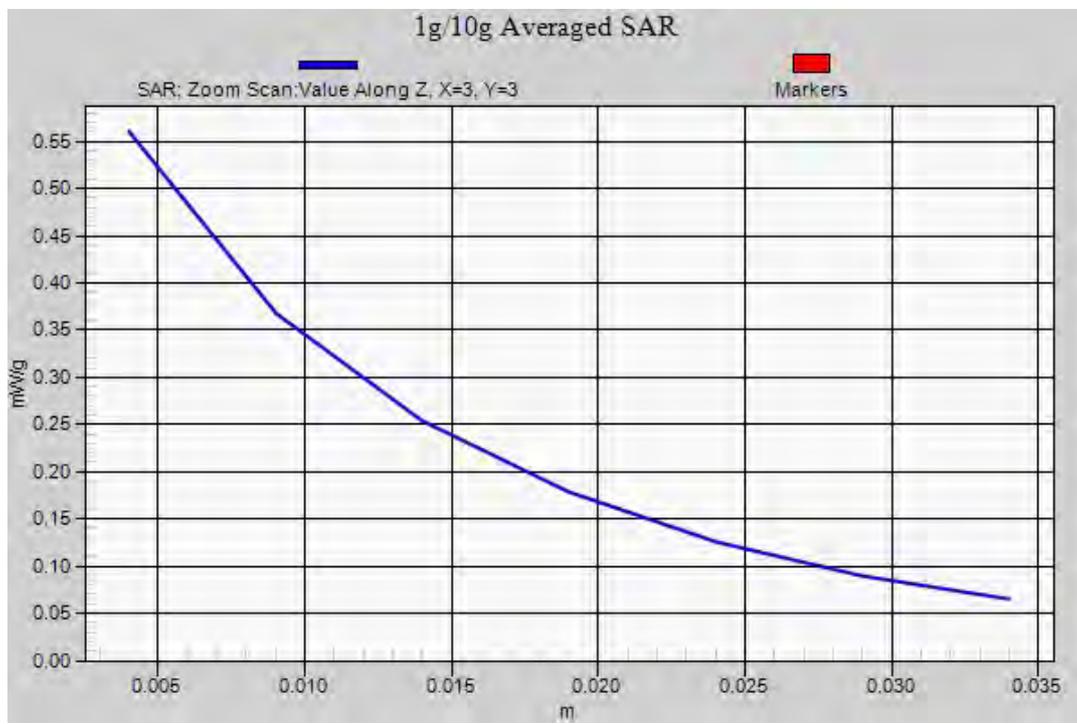
SAR(1 g) = 0.519 mW/g; SAR(10 g) = 0.335 mW/g

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

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



0 dB = 0.560mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 WCDMA850 4182CH right Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

Communication System: HW -UMTS-FDD; Frequency: 836.4 MHz

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.979$ 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: ES3DV3 - SN3254; ConvF(6.03, 6.03, 6.03); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

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

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

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

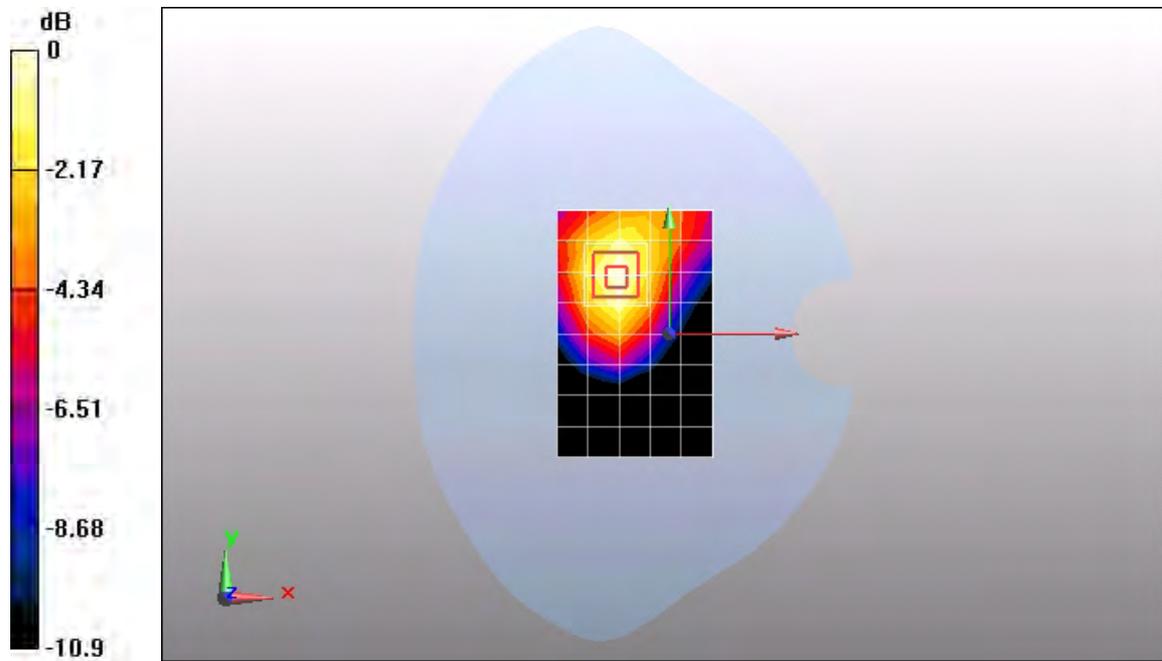
Reference Value = 16.3 V/m; Power Drift = 0.087 dB

Peak SAR (extrapolated) = 0.872 W/kg

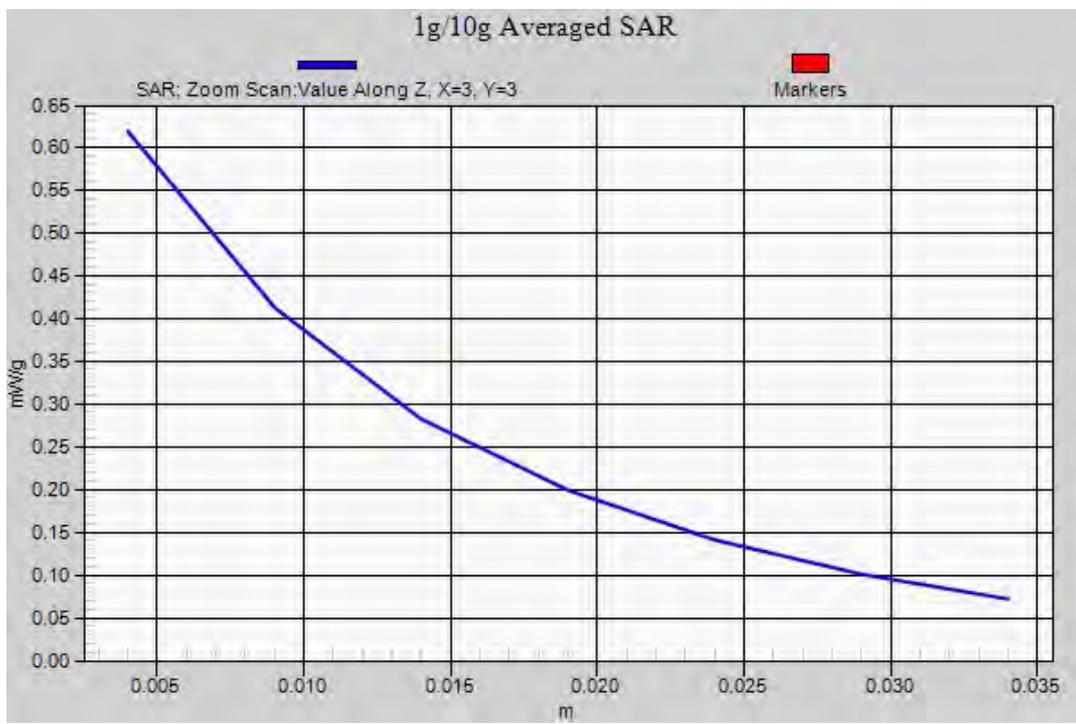
SAR(1 g) = 0.571 mW/g; SAR(10 g) = 0.369 mW/g

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

Maximum value of SAR (measured) = 0.618 mW/g



0 dB = 0.618mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 WCDMA850 4182CH Top Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

Communication System: HW -UMTS-FDD; Frequency: 836.4 MHz

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.979$ 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: ES3DV3 - SN3254; ConvF(6.03, 6.03, 6.03); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.039 mW/g

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

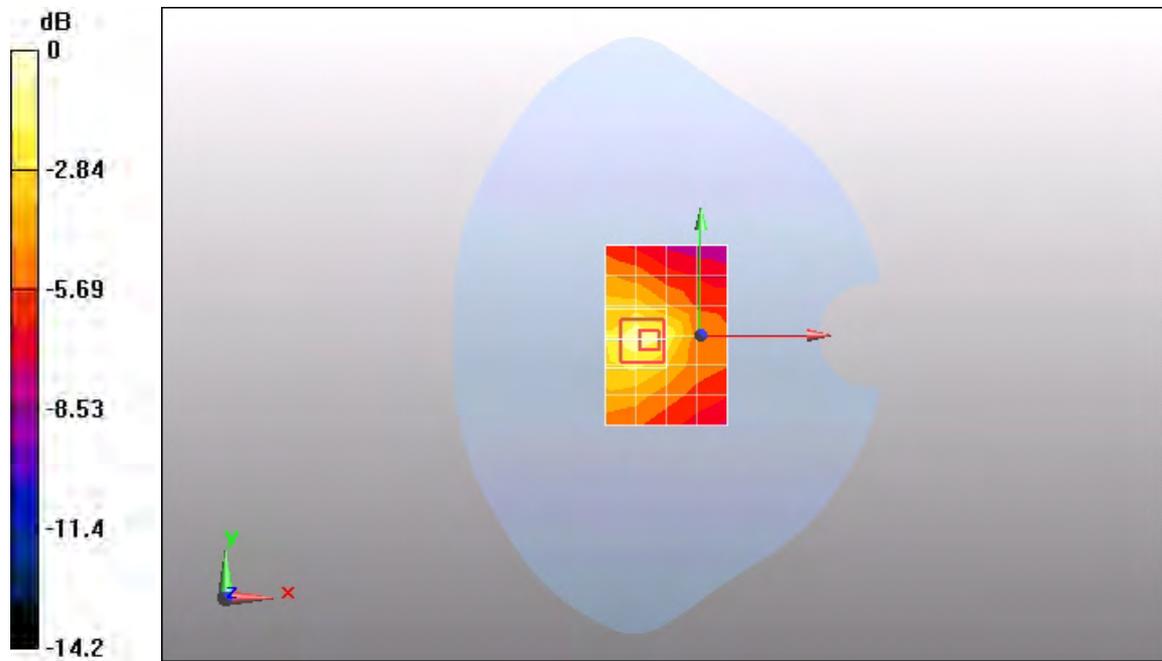
Reference Value = 5.74 V/m; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 0.131 W/kg

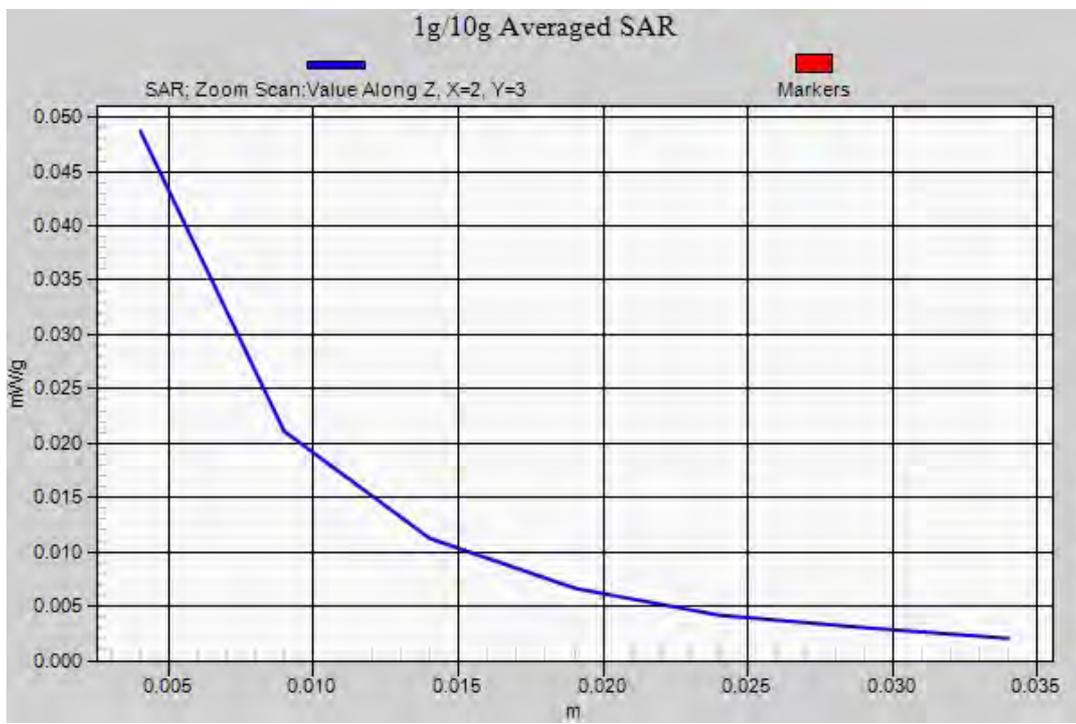
SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.021 mW/g

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

Maximum value of SAR (measured) = 0.049 mW/g



0 dB = 0.049mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 WCDMA850 4233CH Front Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

Communication System: HW -UMTS-FDD; Frequency: 846.6 MHz

Medium parameters used: $f = 847$ MHz; $\sigma = 0.976$ 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: ES3DV3 - SN3254; ConvF(6.03, 6.03, 6.03); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

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

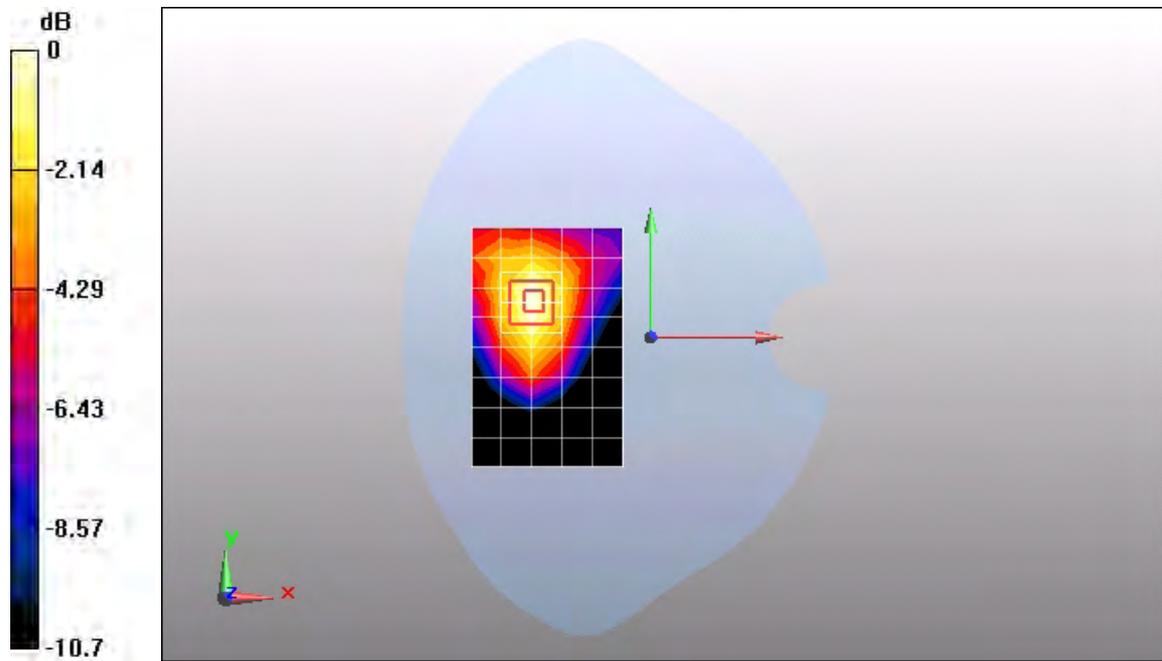
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.52 V/m; Power Drift = 0.172 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.723 mW/g; SAR(10 g) = 0.466 mW/g

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



0 dB = 0.783mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 WCDMA850 4132CH Front Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

Communication System: HW -UMTS-FDD; Frequency: 826.4 MHz

Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.964$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(6.03, 6.03, 6.03); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.722 mW/g

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

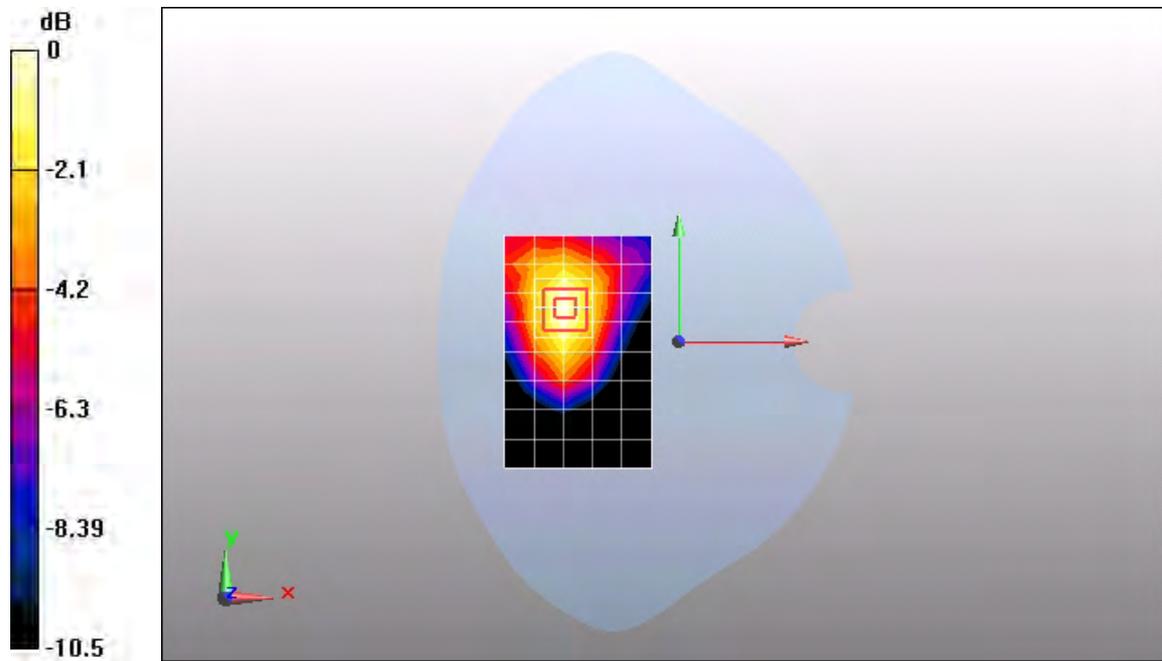
Reference Value = 6.63 V/m; Power Drift = 0.145 dB

Peak SAR (extrapolated) = 1.06 W/kg

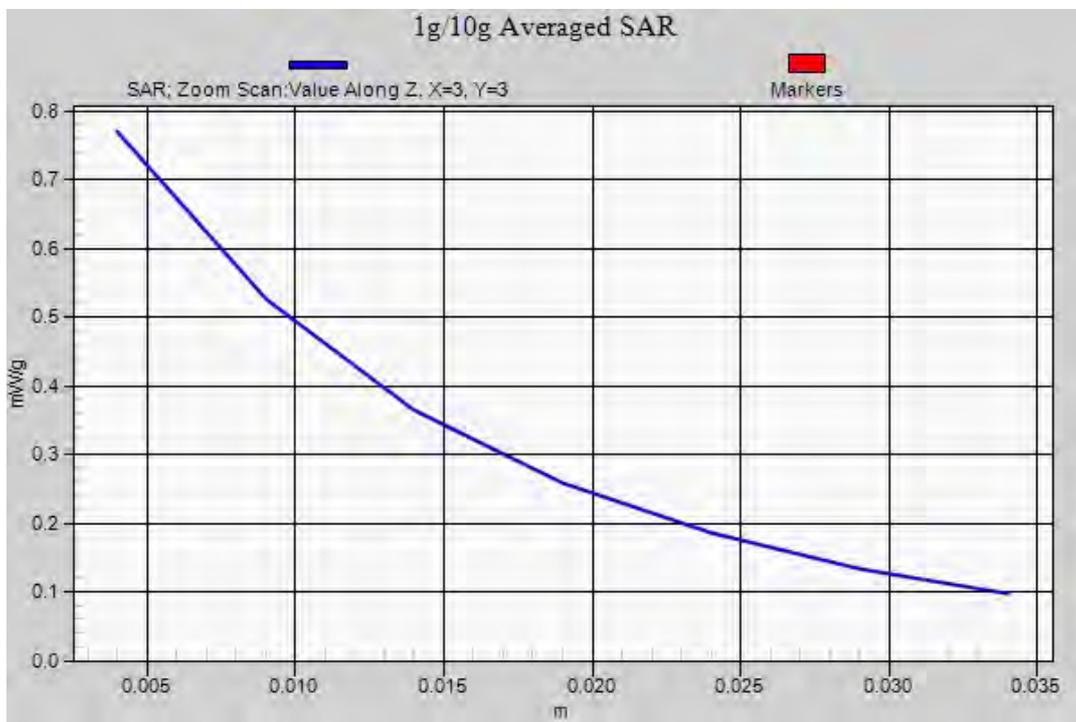
SAR(1 g) = 0.713 mW/g; SAR(10 g) = 0.463 mW/g

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

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



0 dB = 0.770mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 WCDMA850 4182CH Front Side 5mm with HSDPA

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

Communication System: HW -UMTS-FDD; Frequency: 836.4 MHz

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.979$ 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: ES3DV3 - SN3254; ConvF(6.03, 6.03, 6.03); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

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

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

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

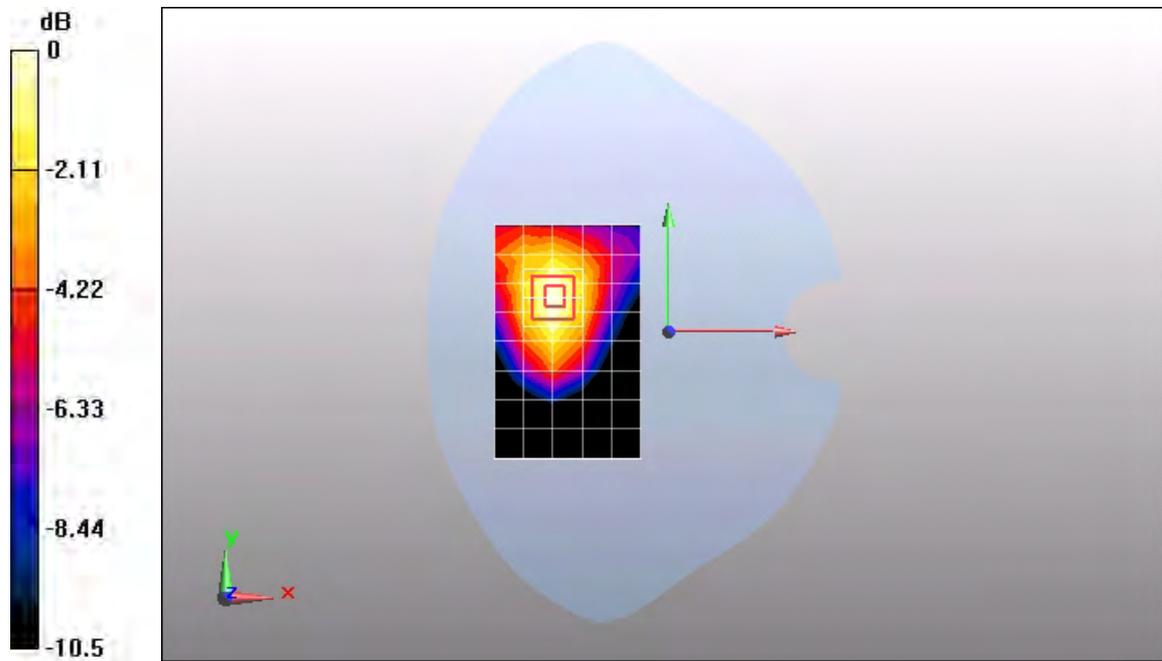
Reference Value = 6.84 V/m; Power Drift = 0.142 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.768 mW/g; SAR(10 g) = 0.497 mW/g

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

Maximum value of SAR (measured) = 0.827 mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 WCDMA850 4182CH Front Side 5mm with HSUPA

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

Communication System: HW -UMTS-FDD; Frequency: 836.4 MHz

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.979$ 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: ES3DV3 - SN3254; ConvF(6.03, 6.03, 6.03); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

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

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

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

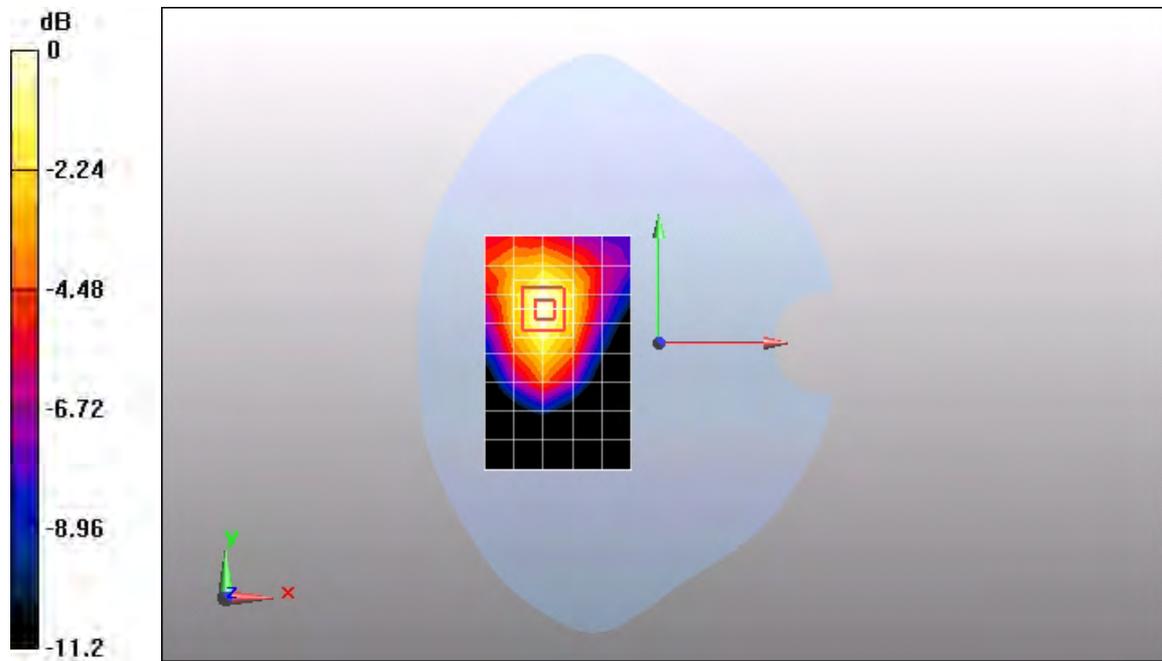
Reference Value = 6.3 V/m; Power Drift = -0.079 dB

Peak SAR (extrapolated) = 1.16 W/kg

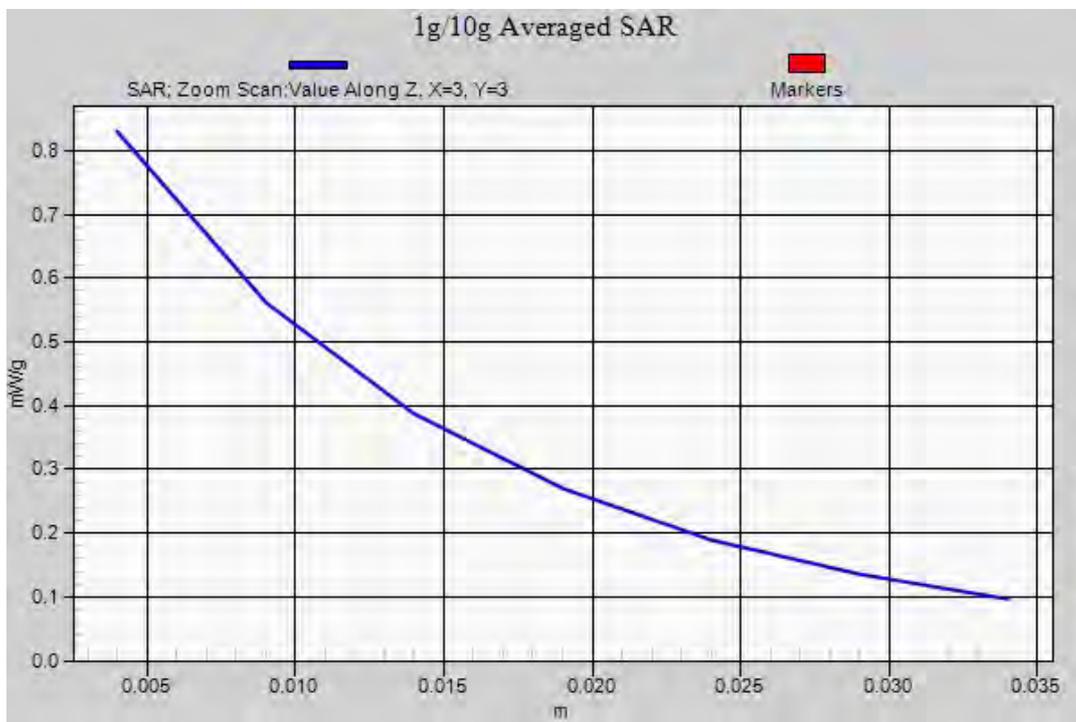
SAR(1 g) = 0.768 mW/g; SAR(10 g) = 0.491 mW/g

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

Maximum value of SAR (measured) = 0.830 mW/g



0 dB = 0.830mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 WCDMA1700 1413CH Back Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 51.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.91, 4.91, 4.91); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- 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 (6x9x1): Measurement grid: dx=15mm, dy=15mm

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

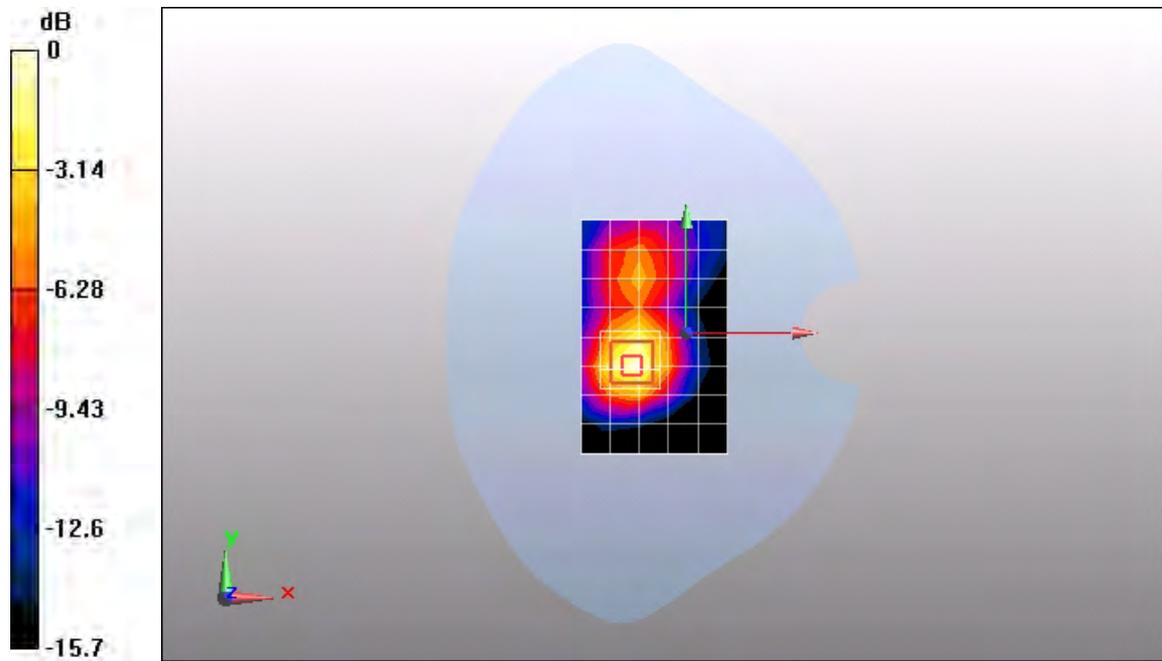
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.4 V/m; Power Drift = -0.018 dB

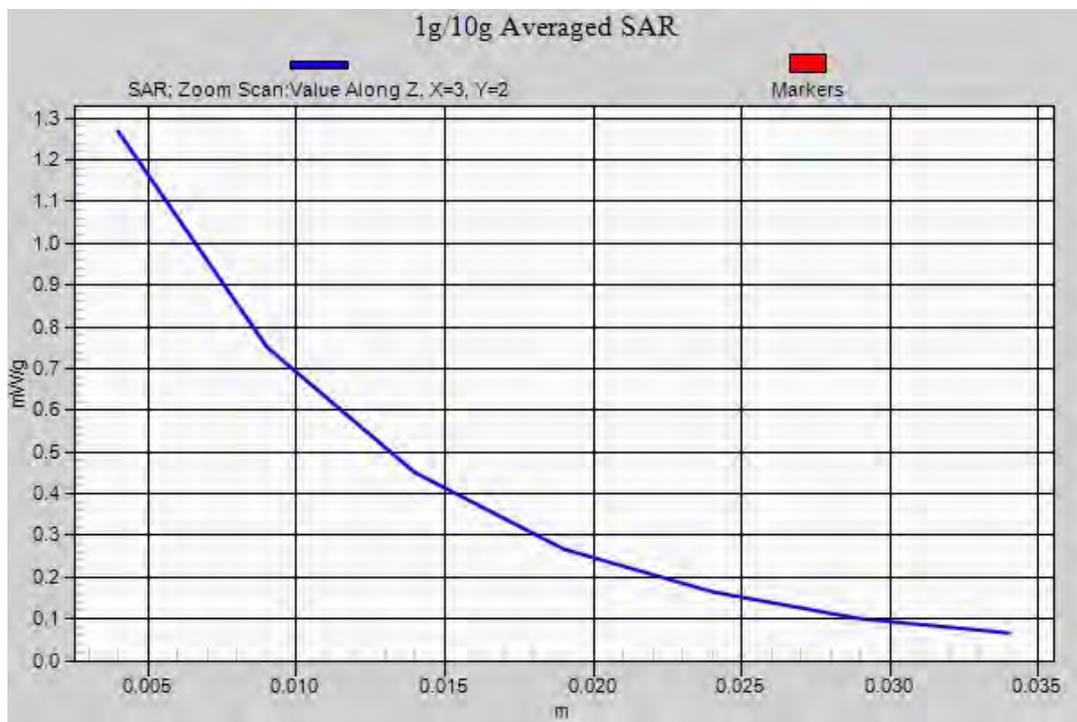
Peak SAR (extrapolated) = 1.97 W/kg

SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.619 mW/g

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



0 dB = 1.27mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 WCDMA1700 1413CH Front Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 51.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.91, 4.91, 4.91); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- 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 (6x9x1): Measurement grid: dx=15mm, dy=15mm

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

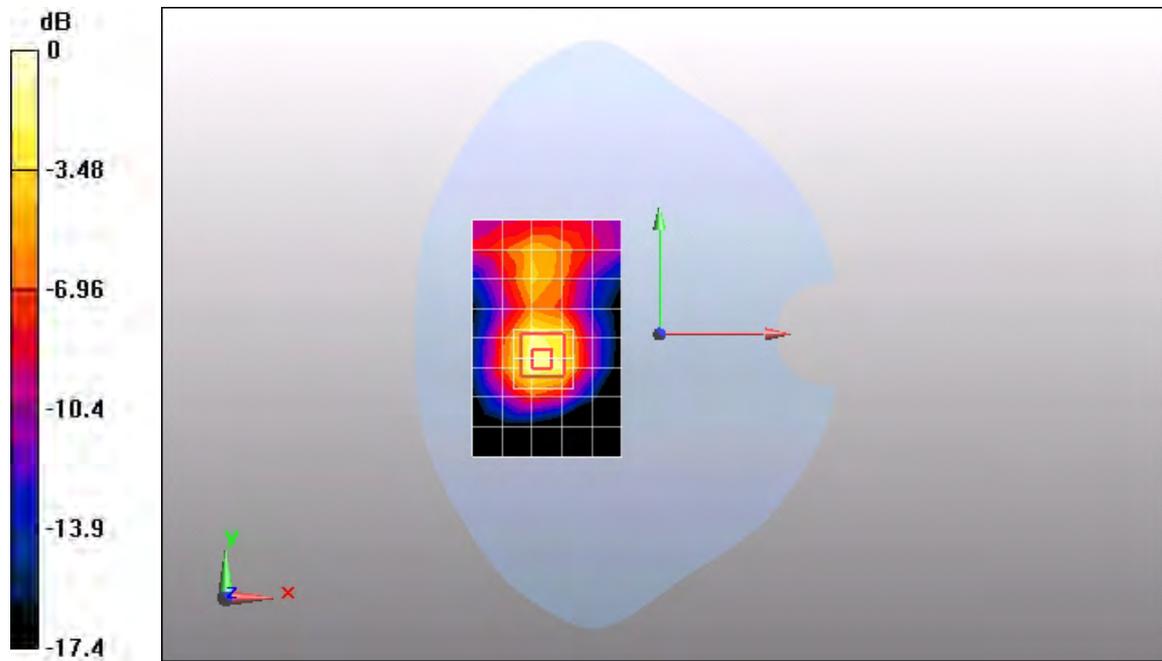
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.53 V/m; Power Drift = 0.162 dB

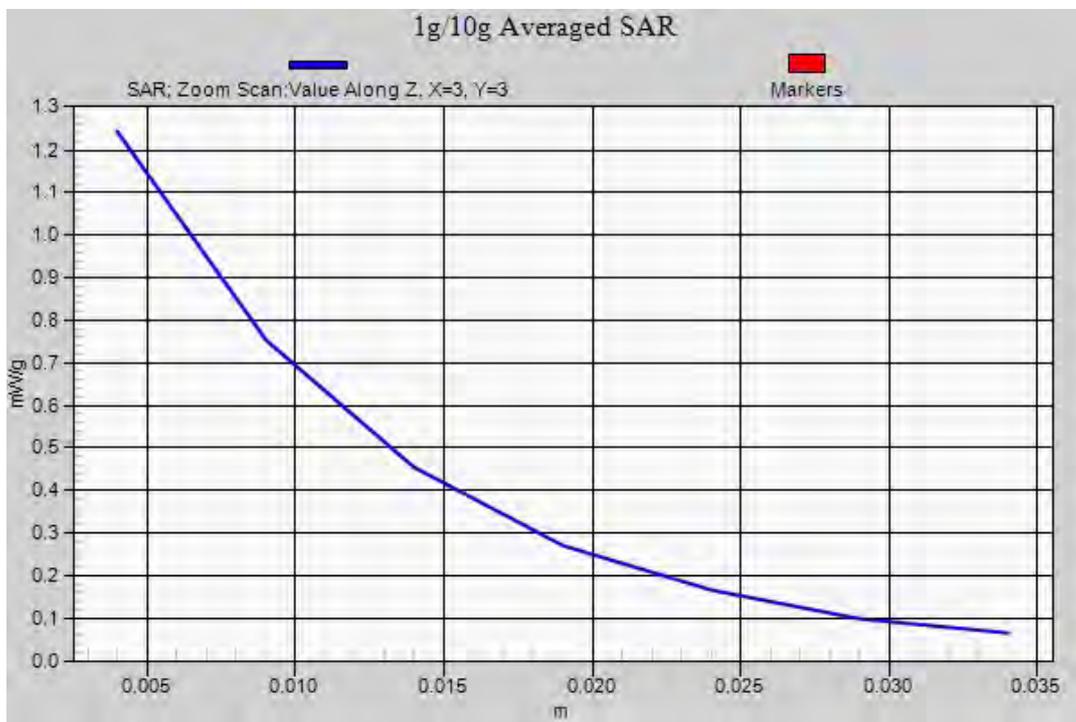
Peak SAR (extrapolated) = 1.87 W/kg

SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.585 mW/g

Maximum value of SAR (measured) = 1.24 mW/g



0 dB = 1.24mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 WCDMA 1700 1413CH Left Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 51.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.91, 4.91, 4.91); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- 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 (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.791 mW/g

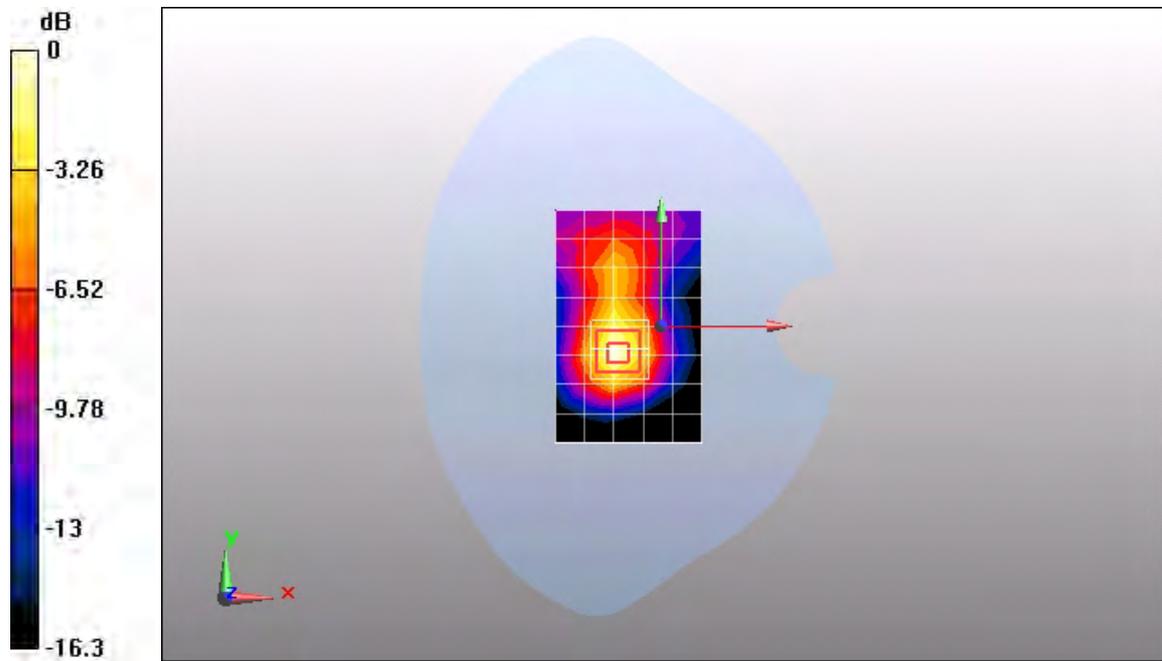
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.9 V/m; Power Drift = 0.124 dB

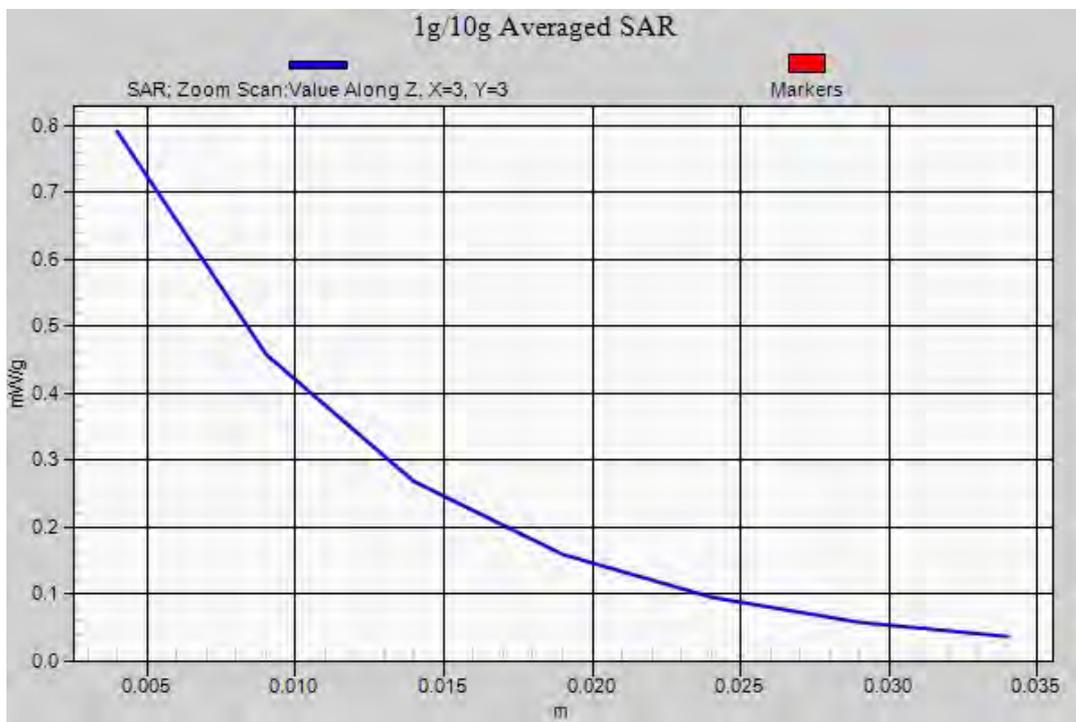
Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.713 mW/g; SAR(10 g) = 0.374 mW/g

Maximum value of SAR (measured) = 0.790 mW/g



0 dB = 0.790mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 WCDMA 1700 1413CH Right Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 51.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.91, 4.91, 4.91); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- 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 (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.578 mW/g

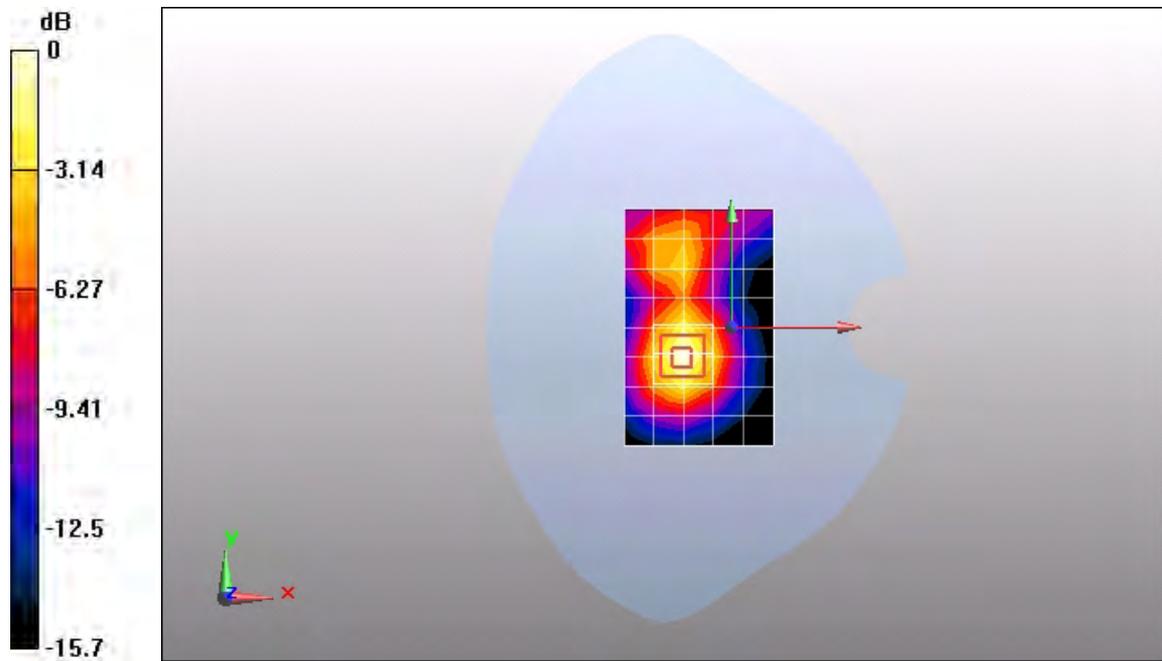
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.1 V/m; Power Drift = -0.182 dB

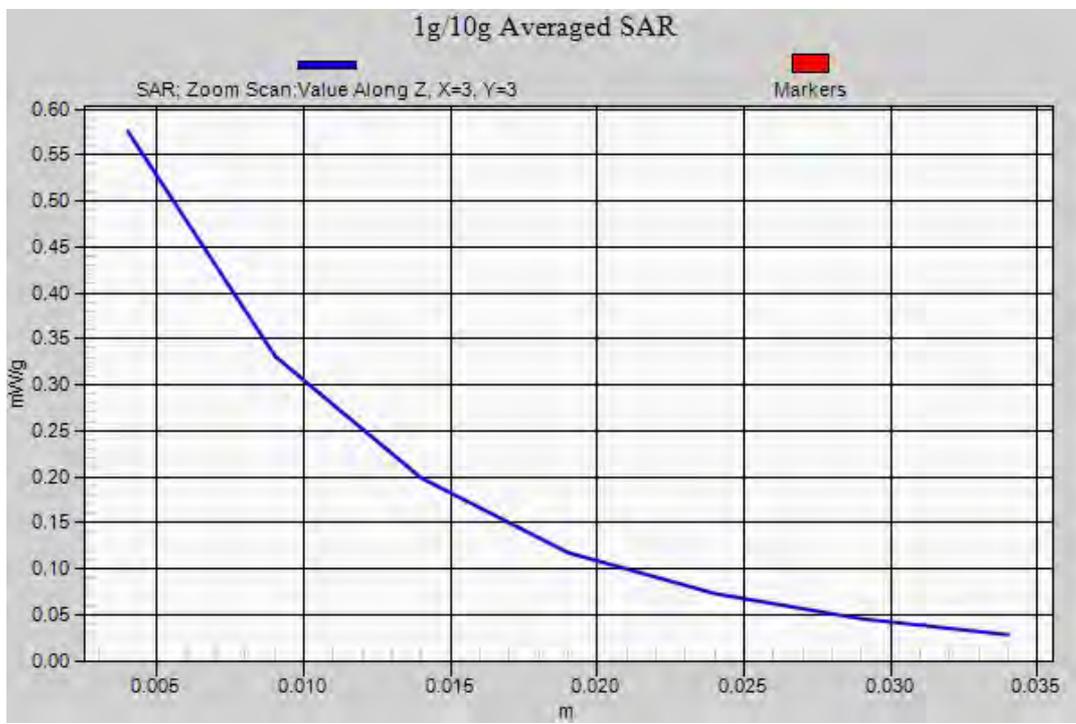
Peak SAR (extrapolated) = 0.930 W/kg

SAR(1 g) = 0.521 mW/g; SAR(10 g) = 0.282 mW/g

Maximum value of SAR (measured) = 0.575 mW/g



0 dB = 0.575mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 WCDMA1700 1413CH Top Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 51.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.91, 4.91, 4.91); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- 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 (5x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.152 mW/g

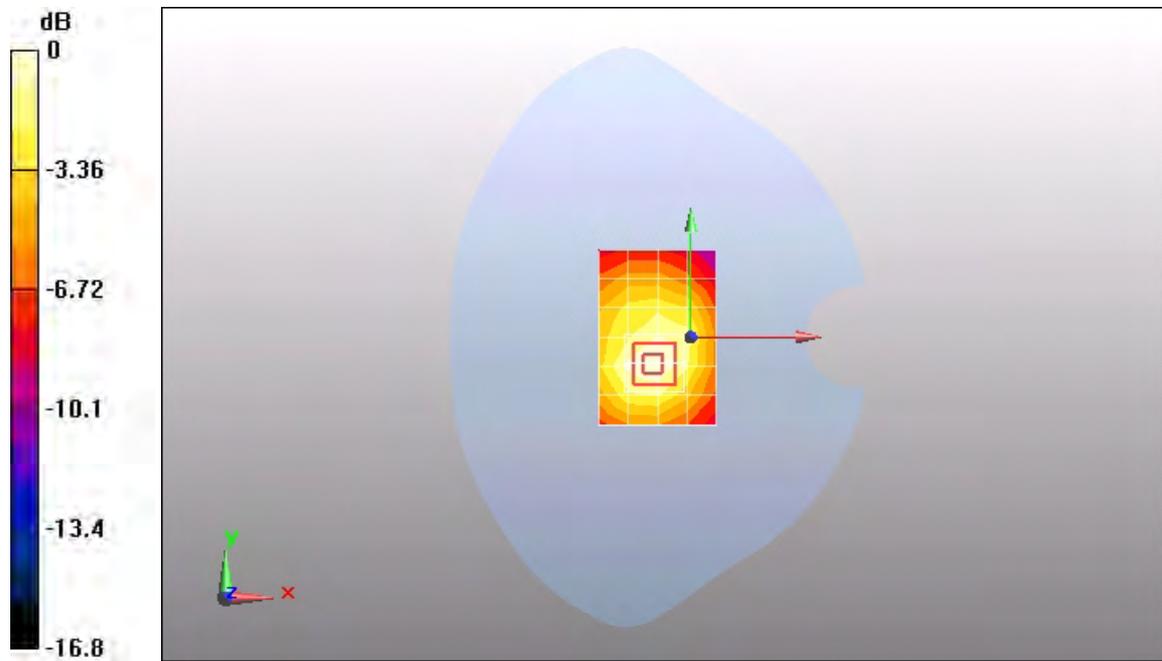
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.97 V/m; Power Drift = -0.150 dB

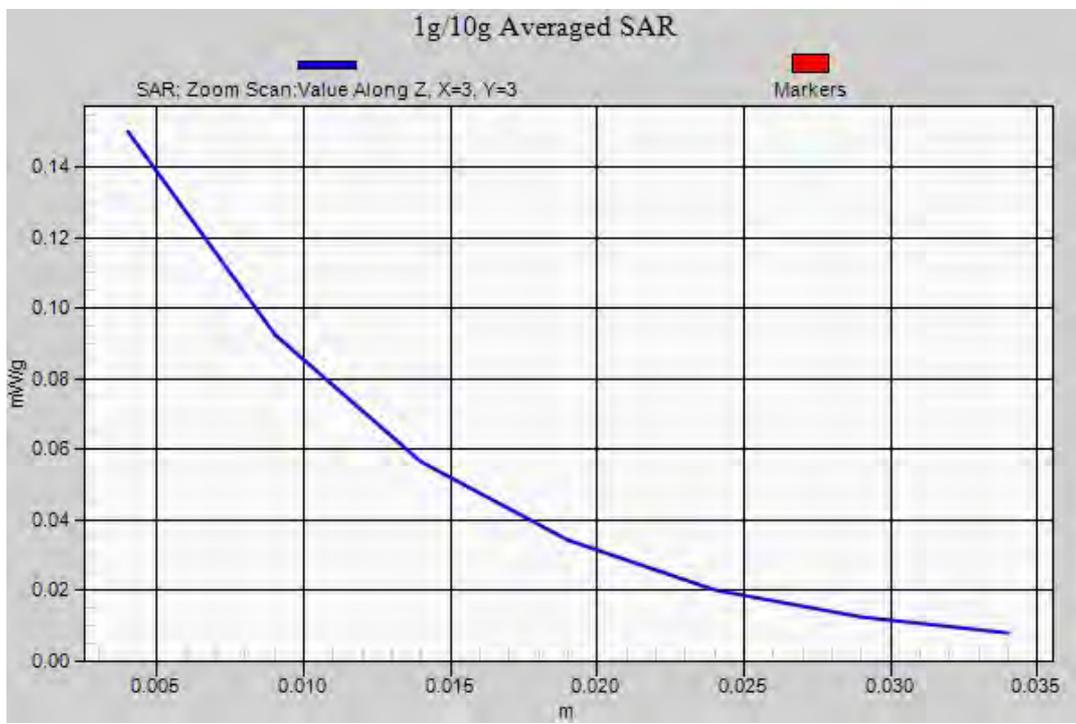
Peak SAR (extrapolated) = 0.234 W/kg

SAR(1 g) = 0.139 mW/g; SAR(10 g) = 0.083 mW/g

Maximum value of SAR (measured) = 0.150 mW/g



0 dB = 0.150mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 WCDMA1700 1513CH Back Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used: $f = 1753$ MHz; $\sigma = 1.55$ 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: ES3DV3 - SN3254; ConvF(4.91, 4.91, 4.91); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- 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 (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.14 mW/g

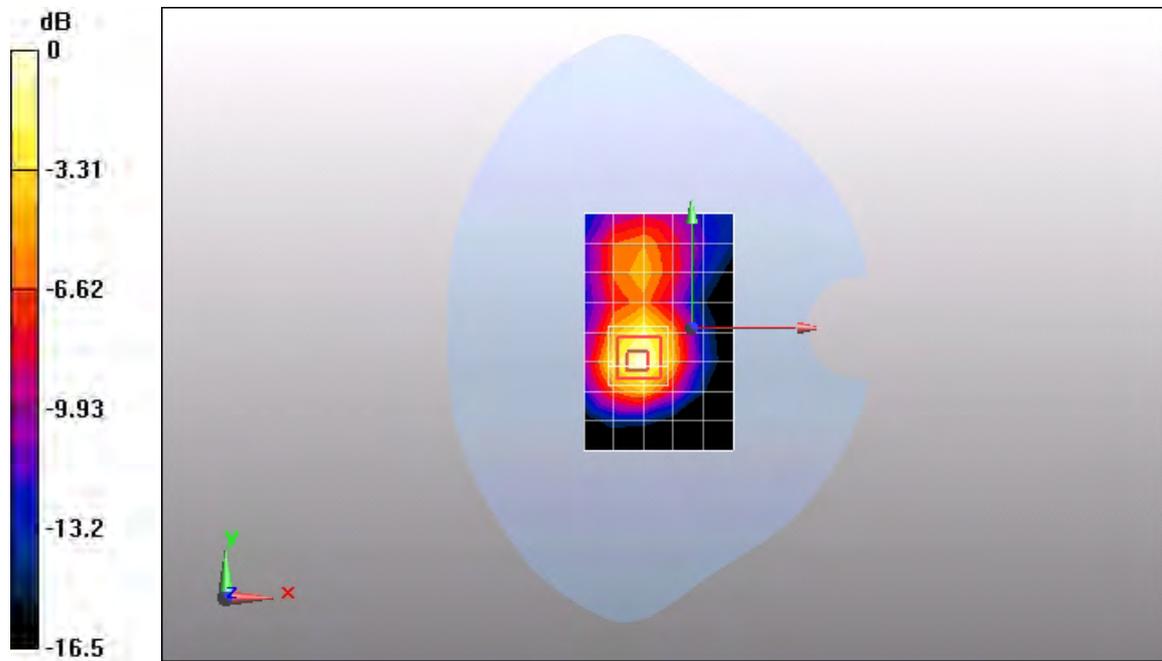
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.5 V/m; Power Drift = 0.059 dB

Peak SAR (extrapolated) = 1.86 W/kg

SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.584 mW/g

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



0 dB = 1.19mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 WCDMA1700 1312CH Back Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.91, 4.91, 4.91); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- 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 (6x9x1): Measurement grid: dx=15mm, dy=15mm

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

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

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

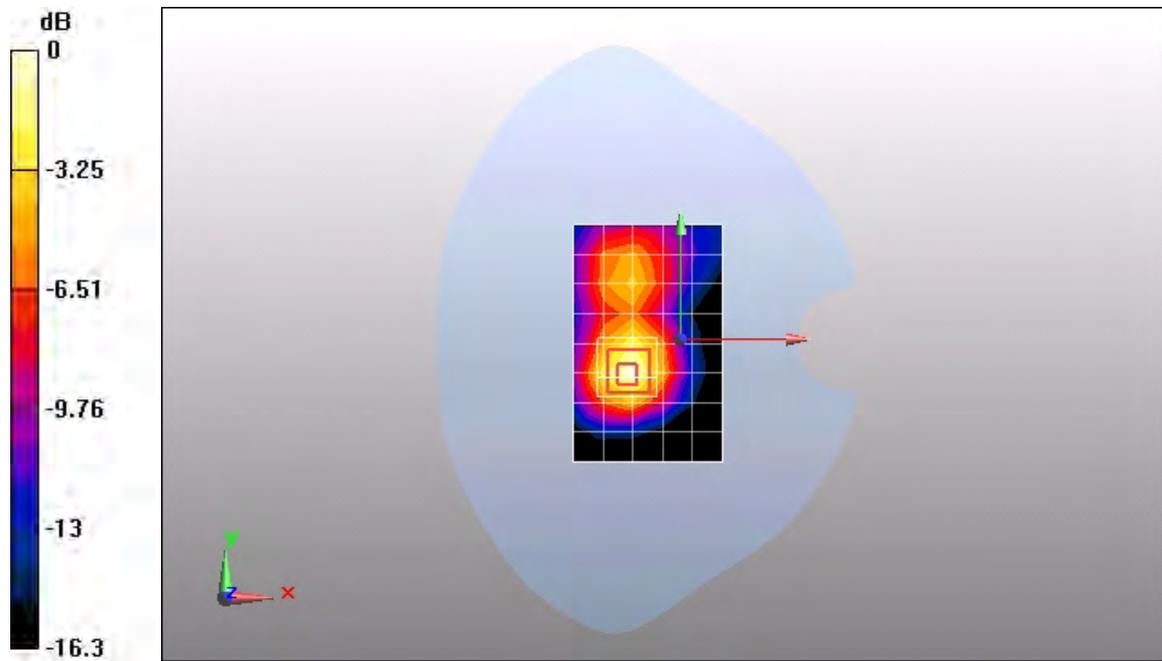
Reference Value = 18.5 V/m; Power Drift = 0.025 dB

Peak SAR (extrapolated) = 1.76 W/kg

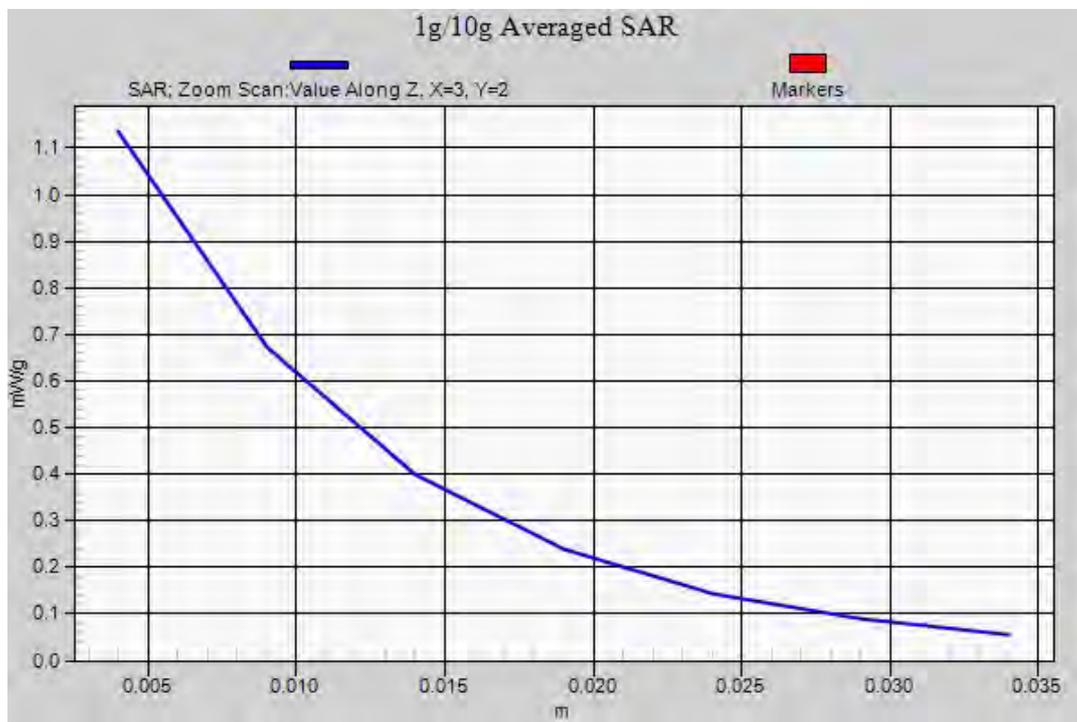
SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.552 mW/g

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

Maximum value of SAR (measured) = 1.14 mW/g



0 dB = 1.14mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 WCDMA1700 1513CH Front Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used: $f = 1753$ MHz; $\sigma = 1.55$ 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: ES3DV3 - SN3254; ConvF(4.91, 4.91, 4.91); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- 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 (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.3 mW/g

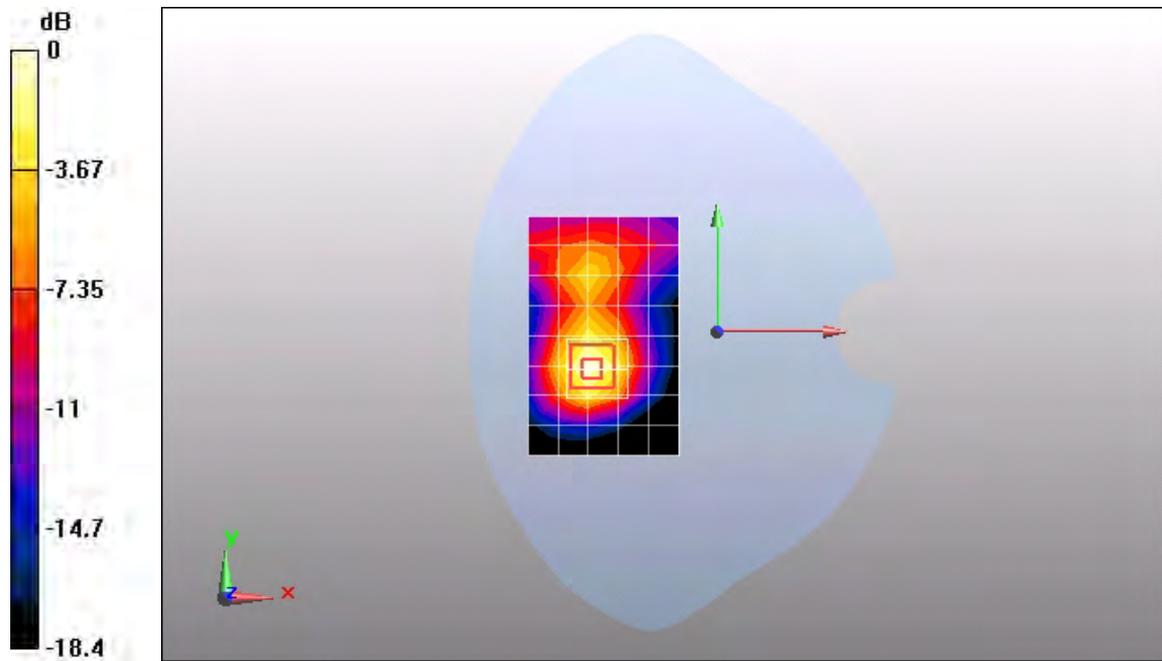
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.48 V/m; Power Drift = 0.191 dB

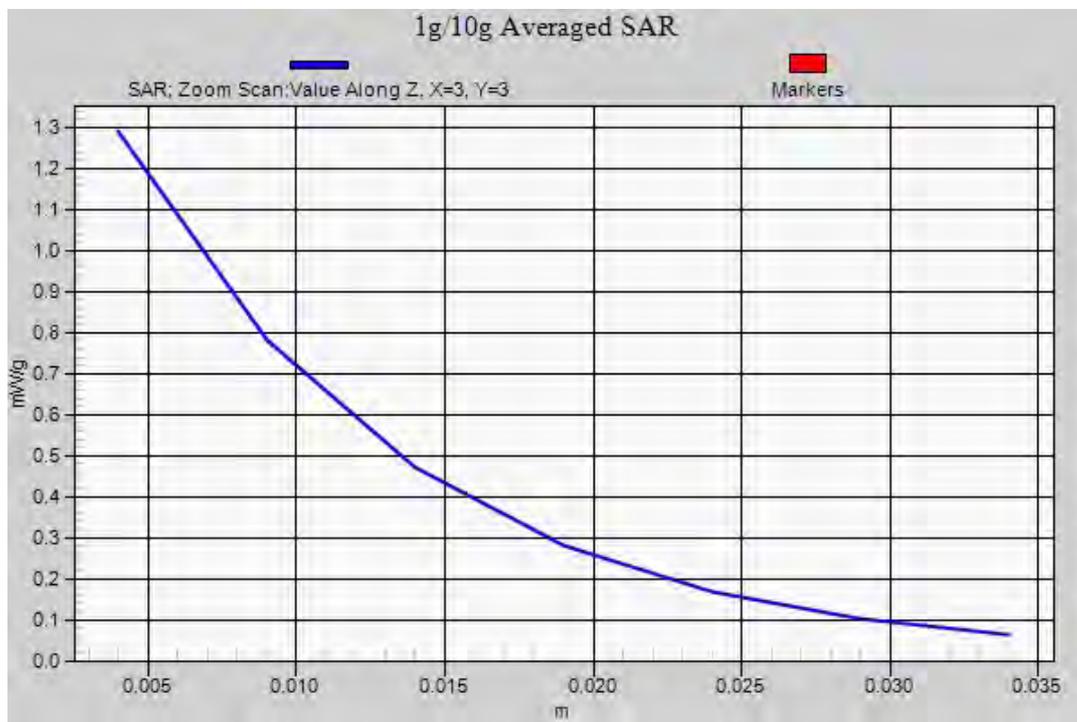
Peak SAR (extrapolated) = 1.99 W/kg

SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.626 mW/g

Maximum value of SAR (measured) = 1.29 mW/g



0 dB = 1.29mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 WCDMA1700 1312CH Front Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.91, 4.91, 4.91); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- 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 (6x9x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.25 mW/g

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

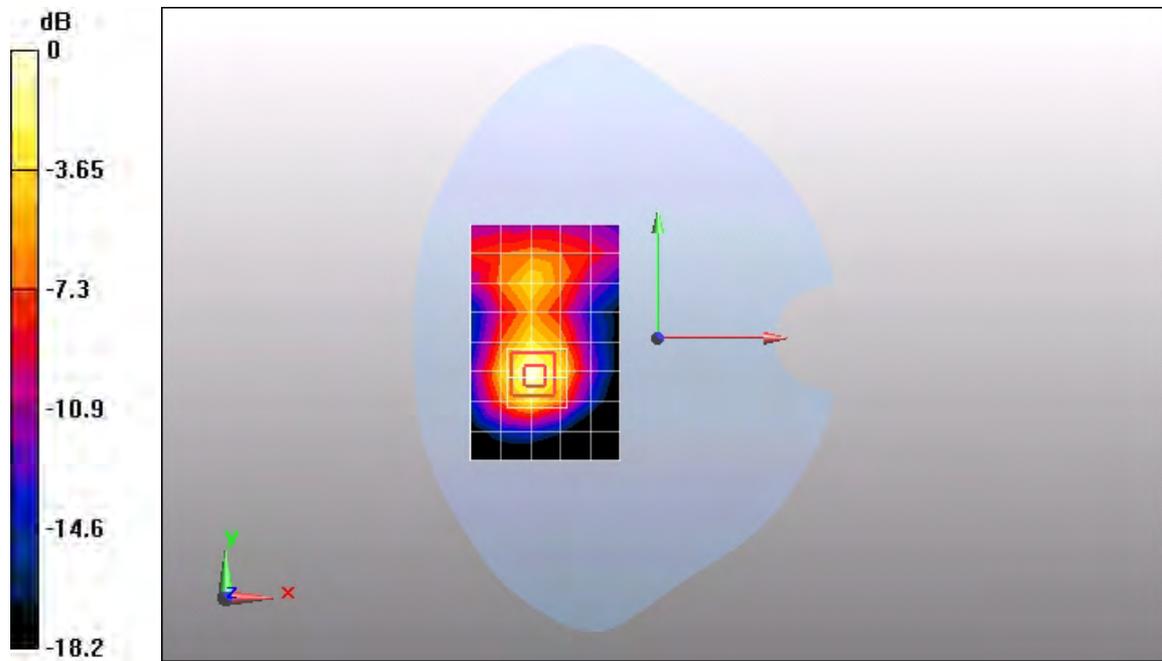
Reference Value = 3.38 V/m; Power Drift = 0.083 dB

Peak SAR (extrapolated) = 1.91 W/kg

SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.607 mW/g

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

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



0 dB = 1.27mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 WCDMA1700 1513CH Front Side 5mm with HSDPA

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used: $f = 1753$ MHz; $\sigma = 1.55$ 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: ES3DV3 - SN3254; ConvF(4.91, 4.91, 4.91); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- 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 (6x9x1): Measurement grid: dx=15mm, dy=15mm

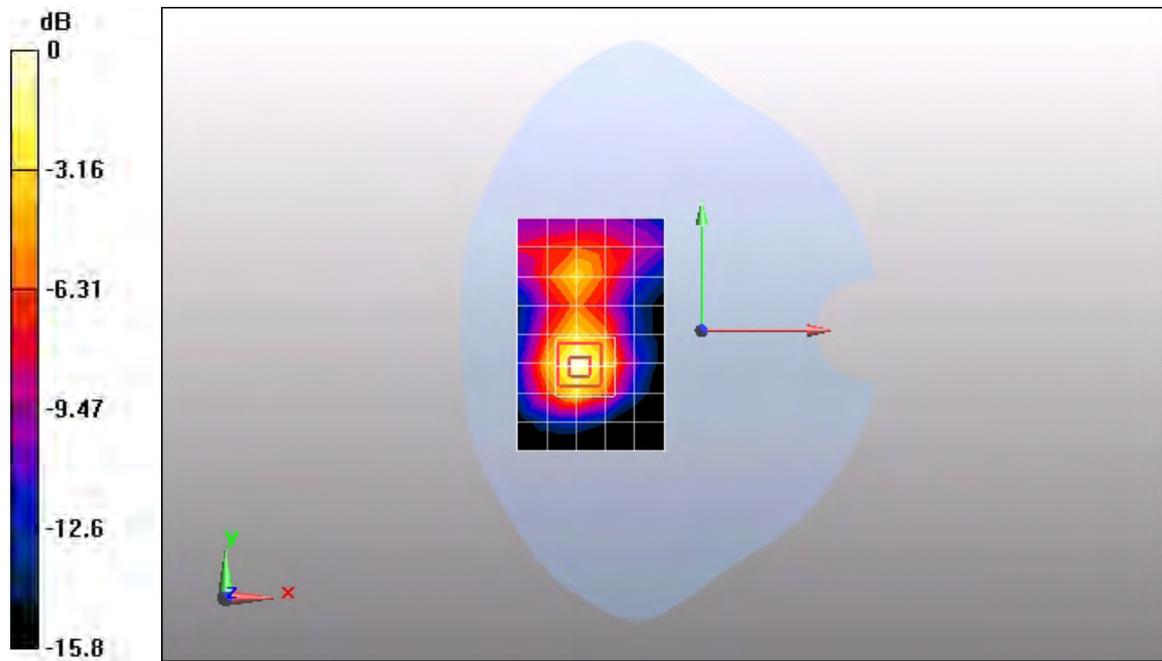
Maximum value of SAR (measured) = 1.21 mW/g

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

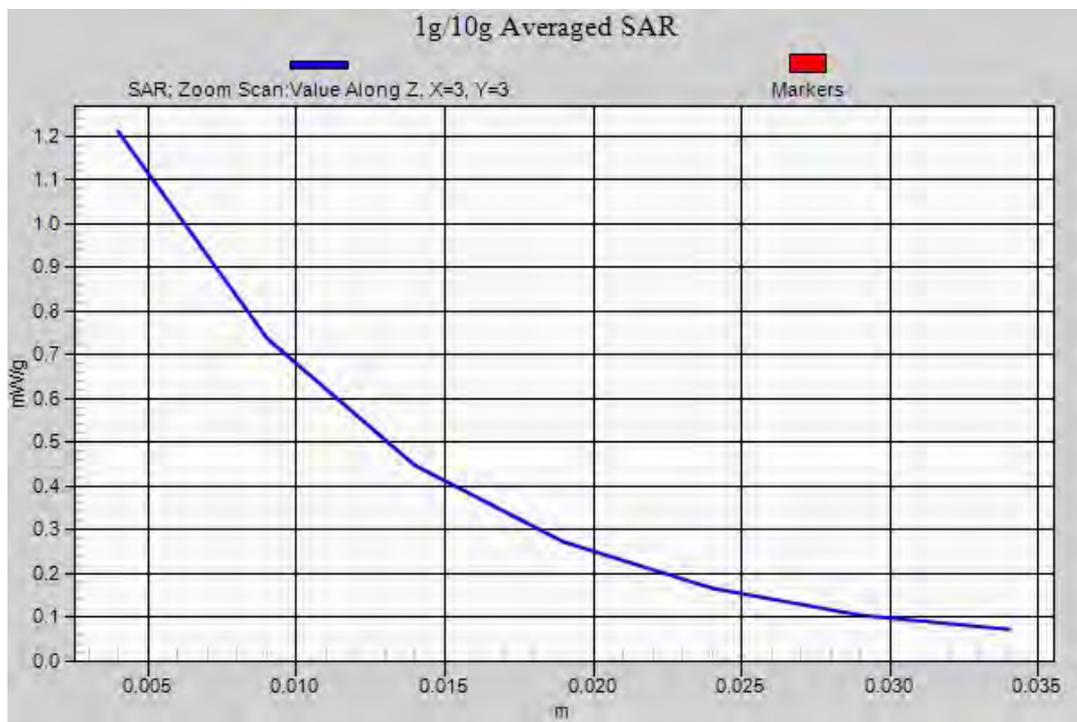
Reference Value = 4.43 V/m; Power Drift = -0.171 dB

Peak SAR (extrapolated) = 1.86 W/kg

SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.592 mW/g



0 dB = 1.21mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 WCDMA1700 1513CH Front Side 5mm with HSUPA

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used: $f = 1753$ MHz; $\sigma = 1.55$ 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: ES3DV3 - SN3254; ConvF(4.91, 4.91, 4.91); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- 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 (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.09 mW/g

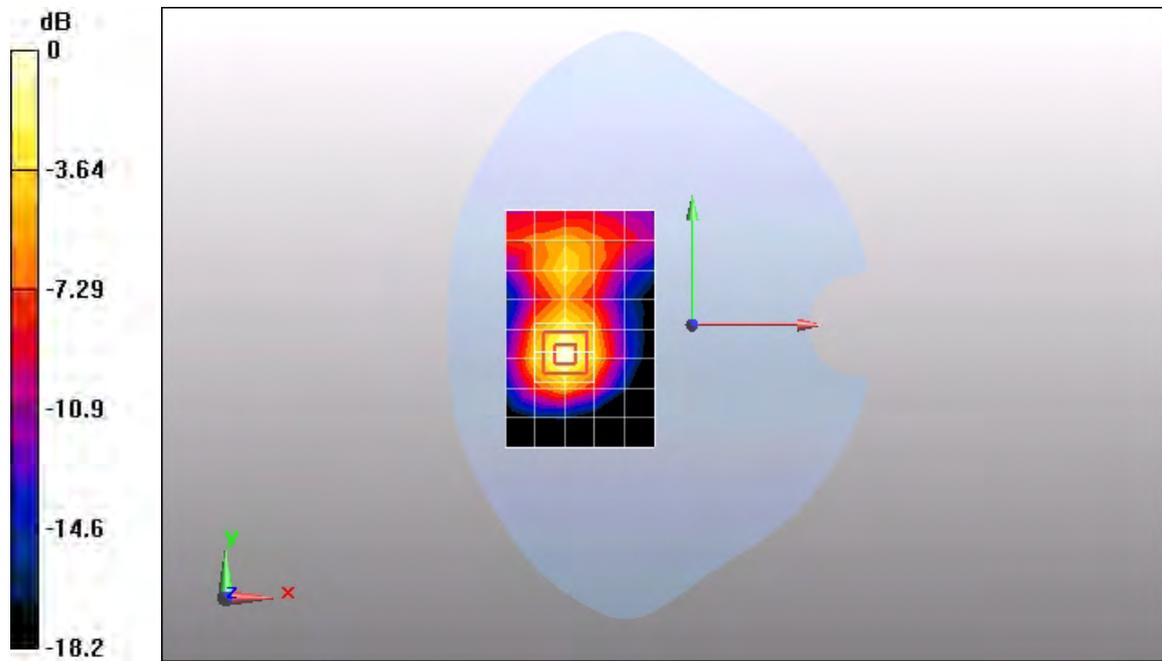
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.62 V/m; Power Drift = 0.047 dB

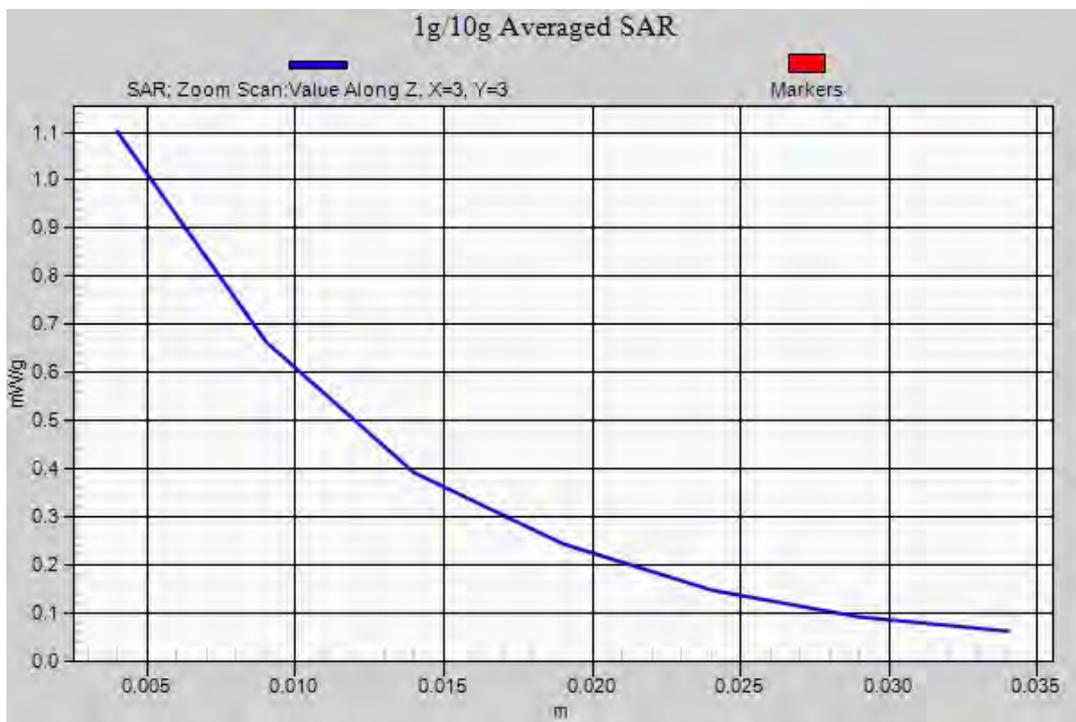
Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 0.983 mW/g; SAR(10 g) = 0.518 mW/g

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



0 dB = 1.1mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 WCDMA1900 9400CH Back Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.73, 4.73, 4.73); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

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

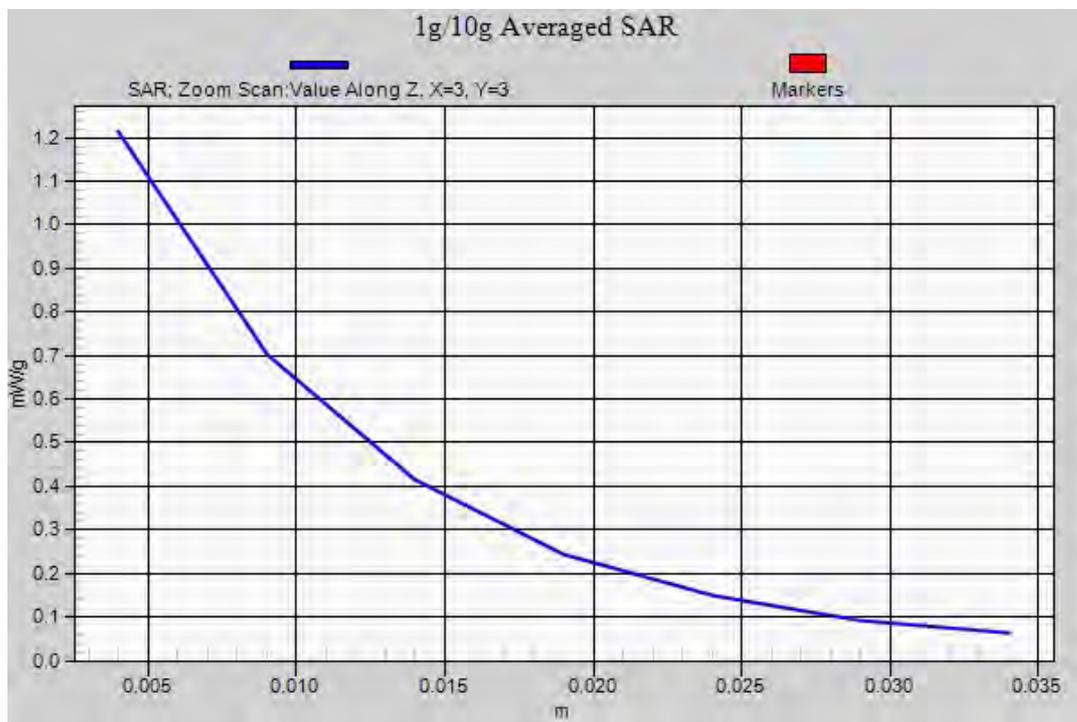
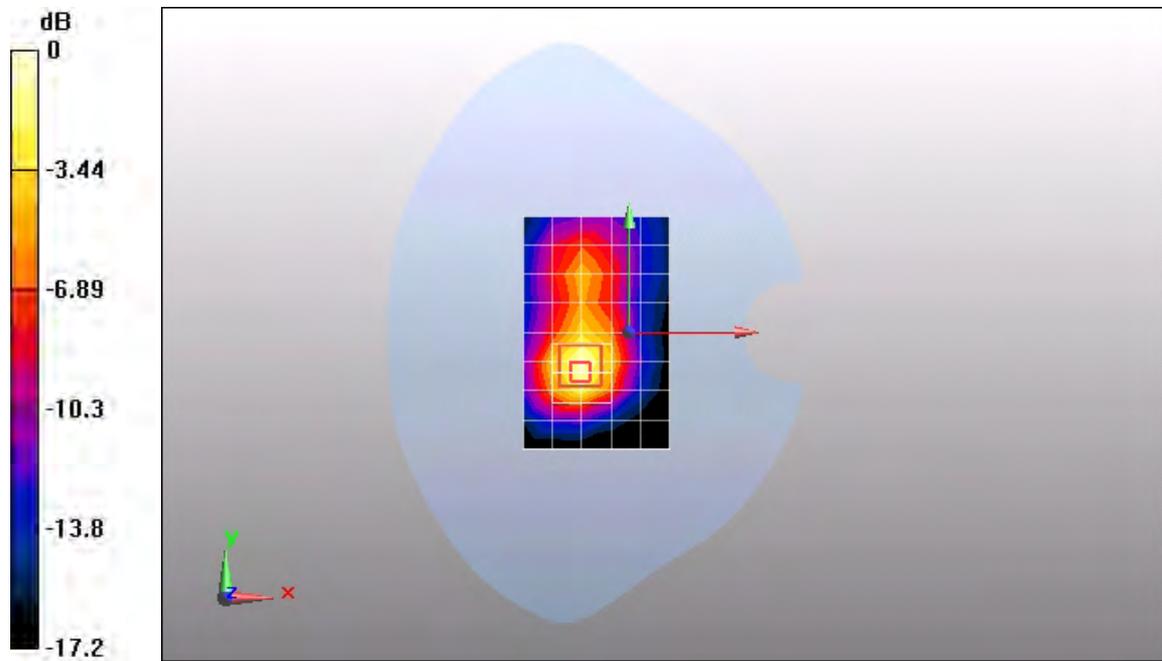
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.3 V/m; Power Drift = 0.014 dB

Peak SAR (extrapolated) = 1.95 W/kg

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.558 mW/g

Maximum value of SAR (measured) = 1.21 mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 WCDMA 1900 9400CH Front Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.73, 4.73, 4.73); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.820 mW/g

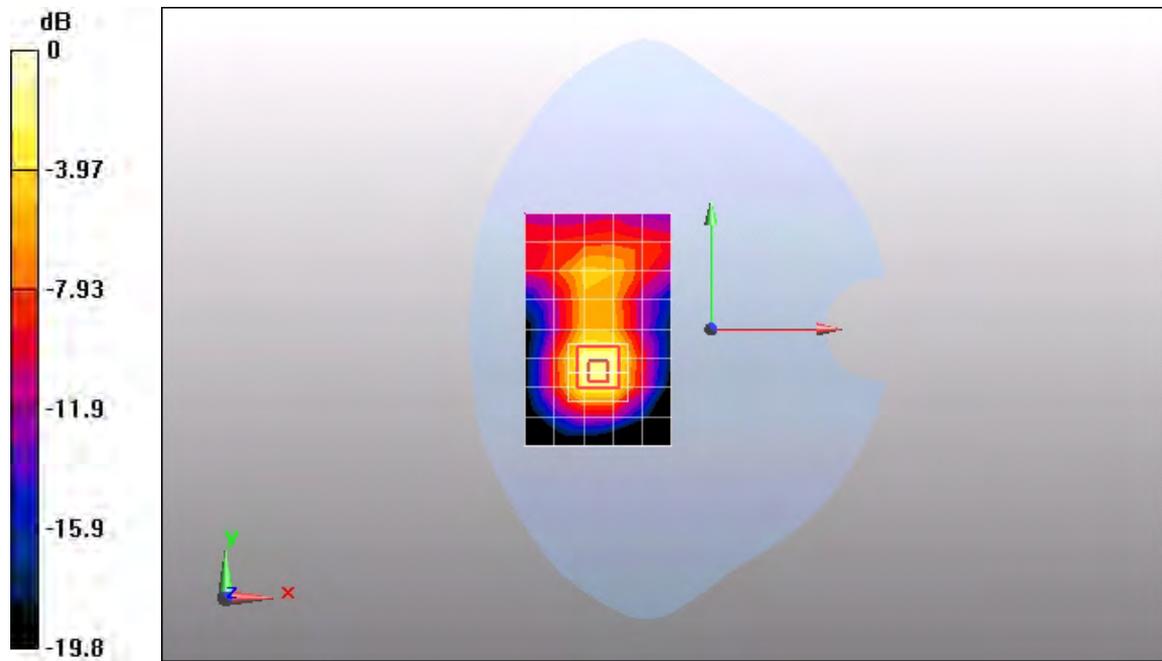
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.93 V/m; Power Drift = -0.063 dB

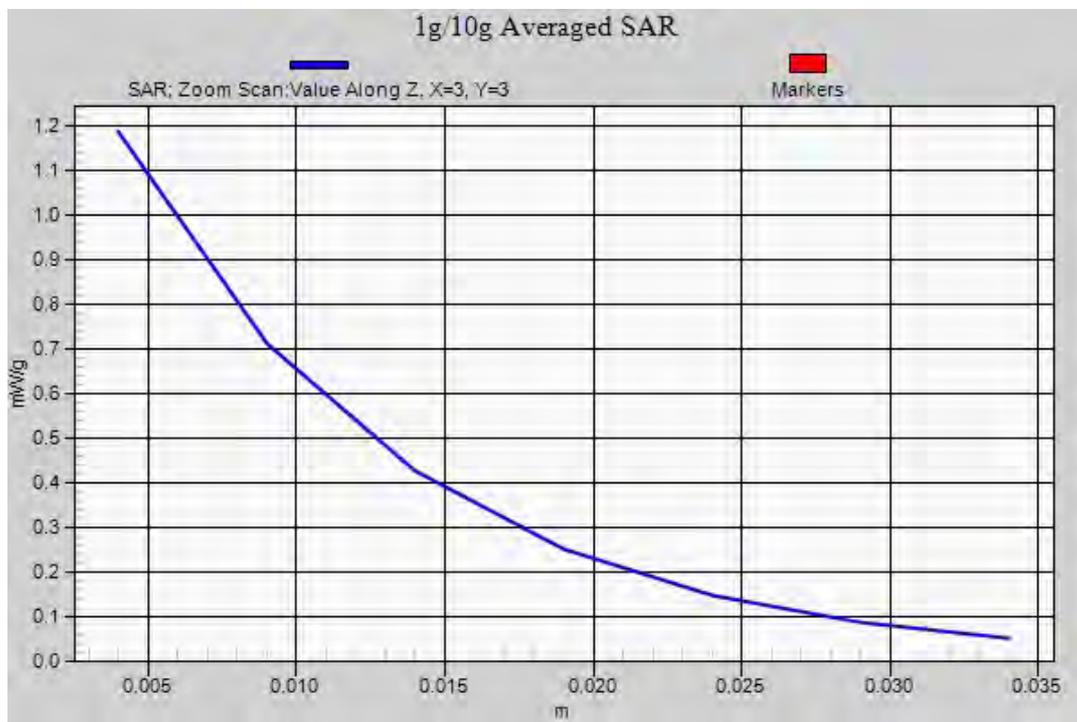
Peak SAR (extrapolated) = 1.82 W/kg

SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.550 mW/g

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



0 dB = 1.19mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 WCDMA 1900 9400CH Left Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.73, 4.73, 4.73); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.807 mW/g

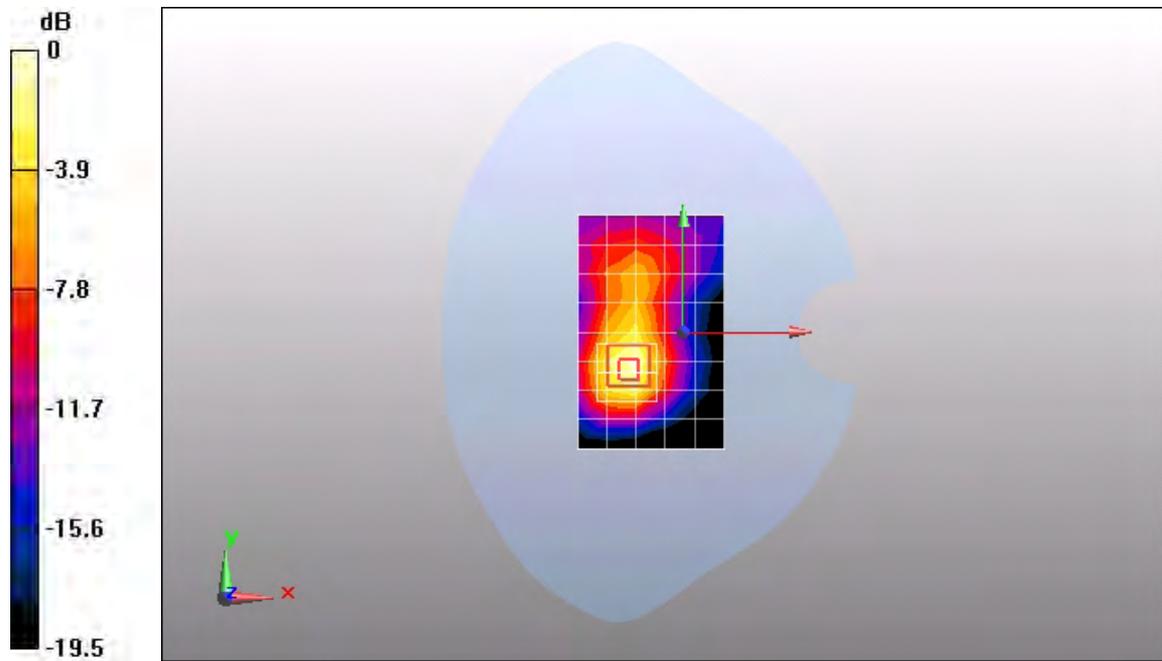
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.5 V/m; Power Drift = 0.044 dB

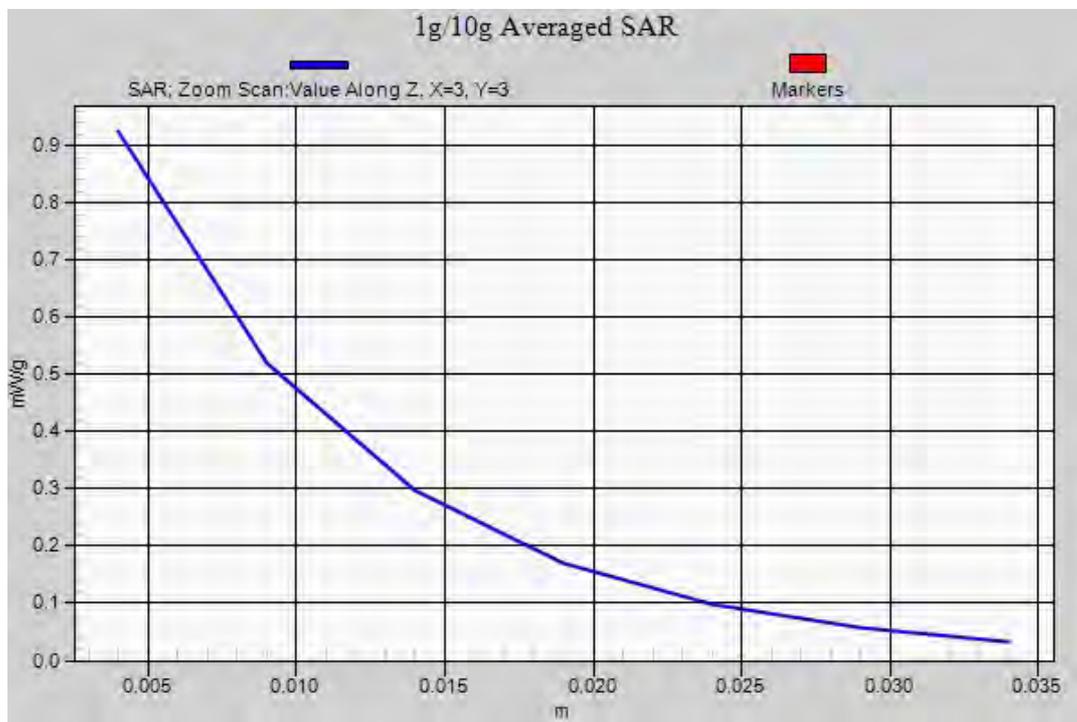
Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 0.826 mW/g; SAR(10 g) = 0.424 mW/g

Maximum value of SAR (measured) = 0.925 mW/g



0 dB = 0.925mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 WCDMA 1900 9400CH Right Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.73, 4.73, 4.73); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.529 mW/g

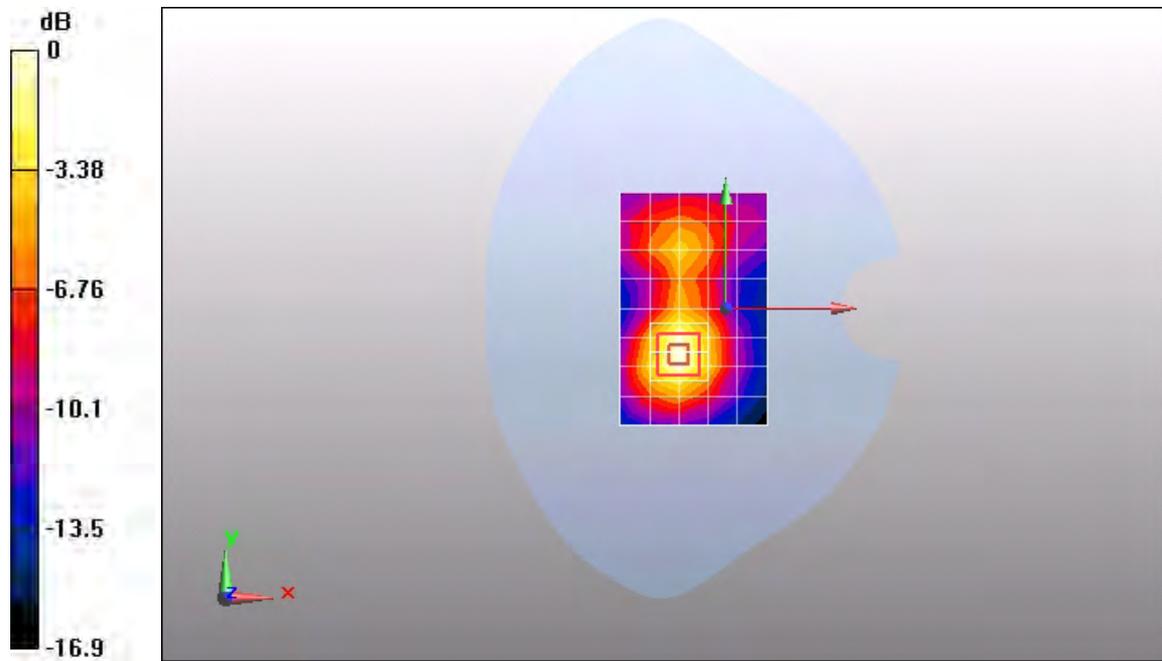
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.2 V/m; Power Drift = -0.113 dB

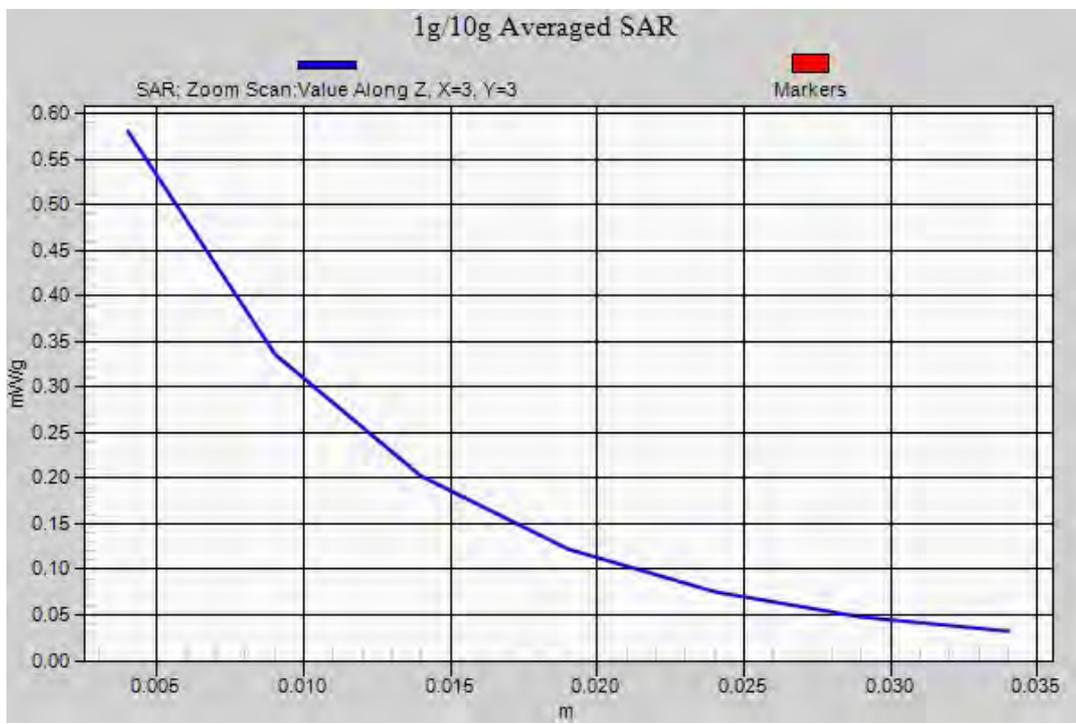
Peak SAR (extrapolated) = 0.935 W/kg

SAR(1 g) = 0.521 mW/g; SAR(10 g) = 0.283 mW/g

Maximum value of SAR (measured) = 0.580 mW/g



0 dB = 0.580mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 WCDMA1900 9400CH Top Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.73, 4.73, 4.73); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.176 mW/g

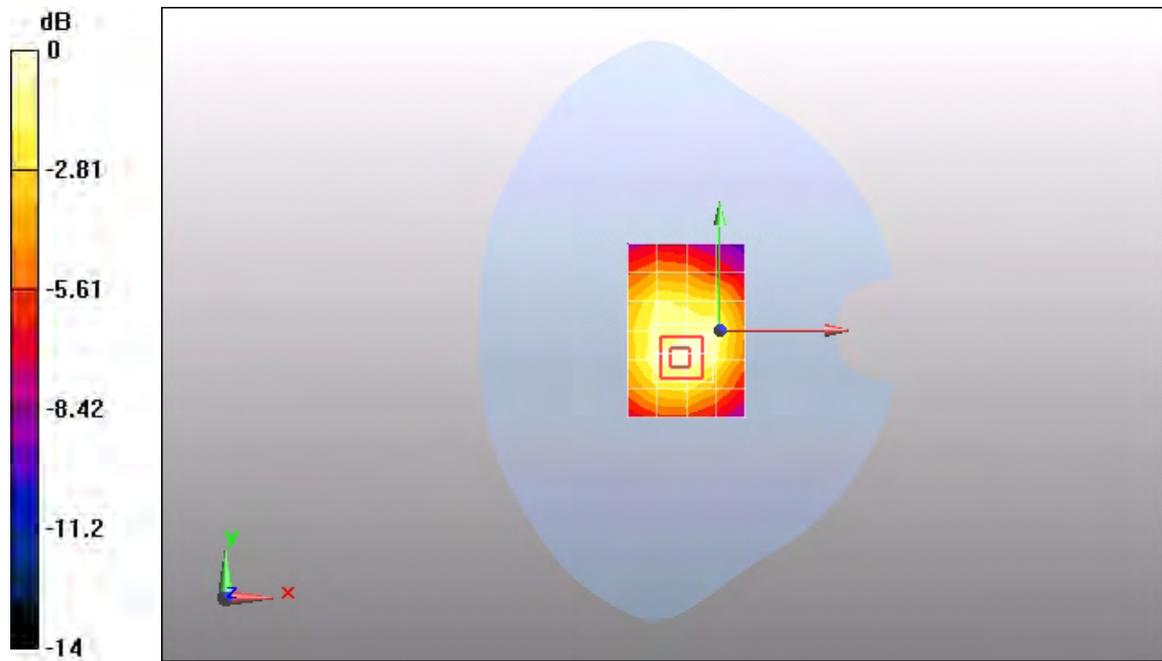
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.76 V/m; Power Drift = -0.064 dB

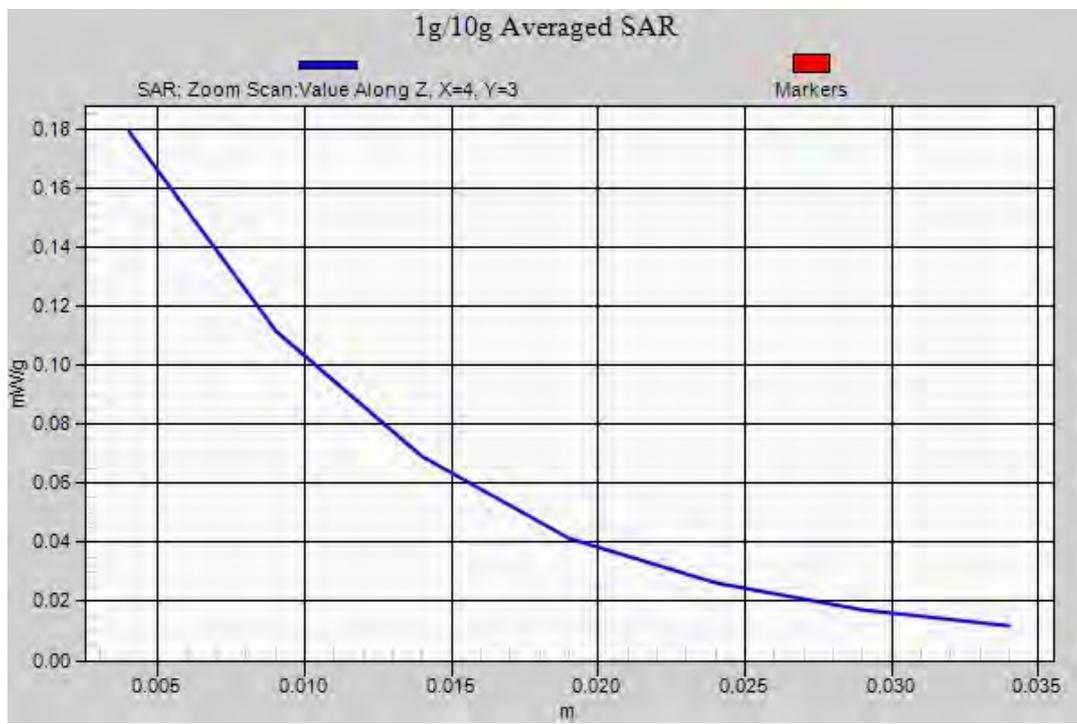
Peak SAR (extrapolated) = 0.280 W/kg

SAR(1 g) = 0.166 mW/g; SAR(10 g) = 0.101 mW/g

Maximum value of SAR (measured) = 0.179 mW/g



0 dB = 0.179mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 WCDMA1900 9538CH Back Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used: $f = 1908$ MHz; $\sigma = 1.6$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.73, 4.73, 4.73); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

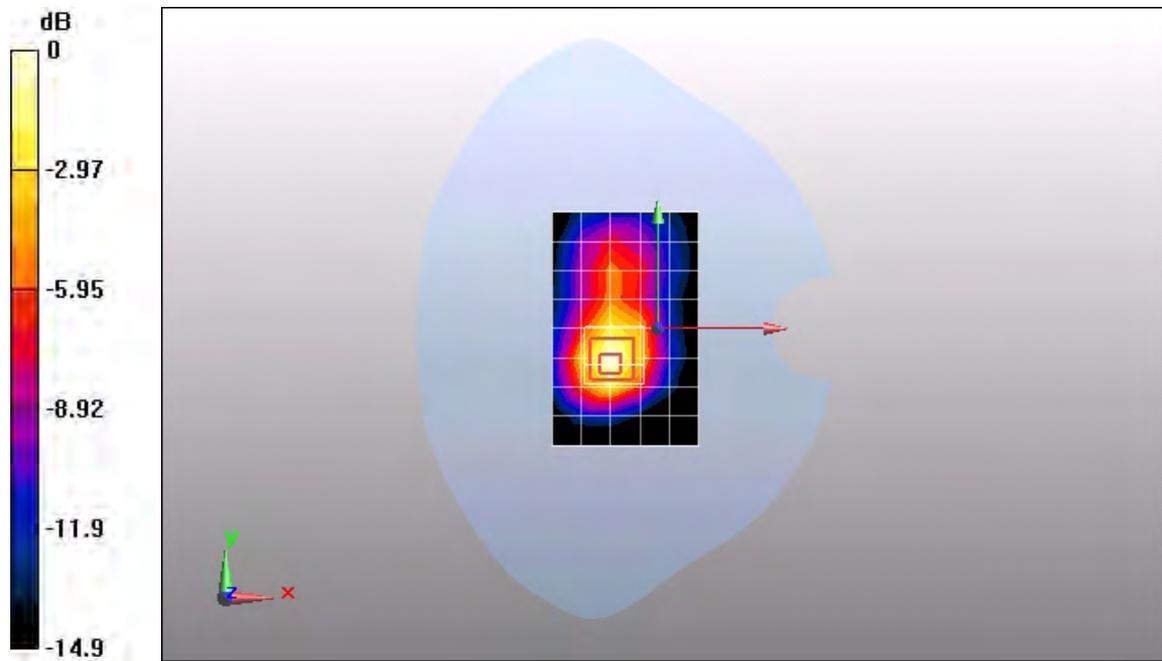
Maximum value of SAR (measured) = 1.06 mW/g

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

Reference Value = 20.2 V/m; Power Drift = -0.0037 dB

Peak SAR (extrapolated) = 1.72 W/kg

SAR(1 g) = 0.977 mW/g; SAR(10 g) = 0.534 mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 WCDMA1900 9262CH Back Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.73, 4.73, 4.73); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

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

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

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

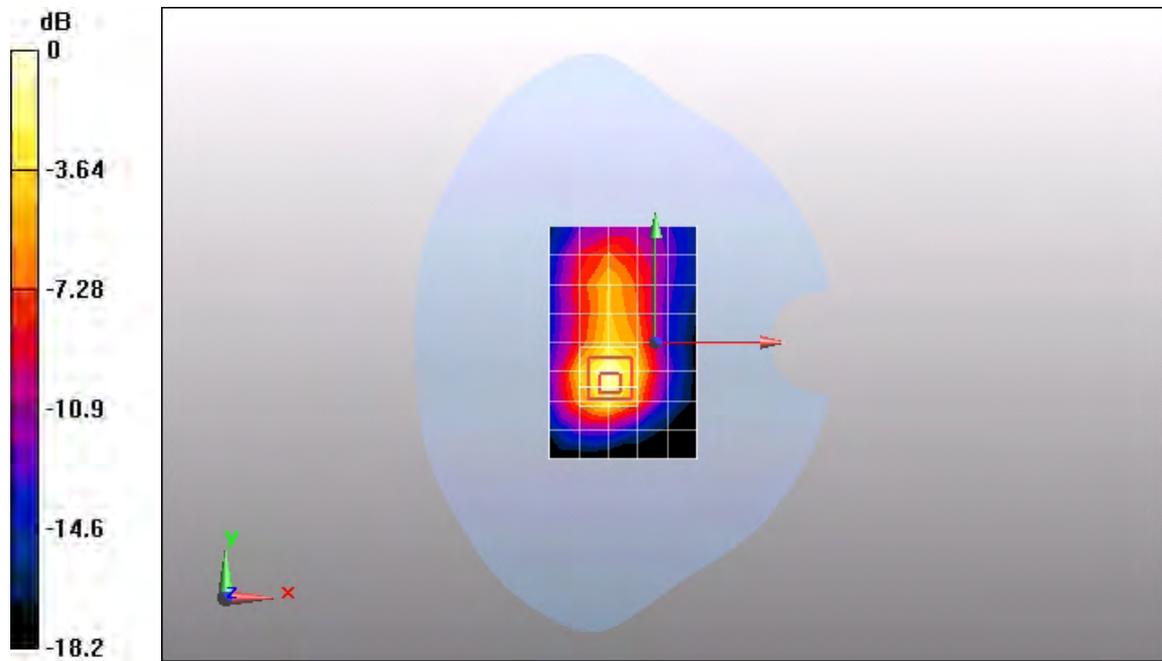
Reference Value = 18.4 V/m; Power Drift = 0.012 dB

Peak SAR (extrapolated) = 2.04 W/kg

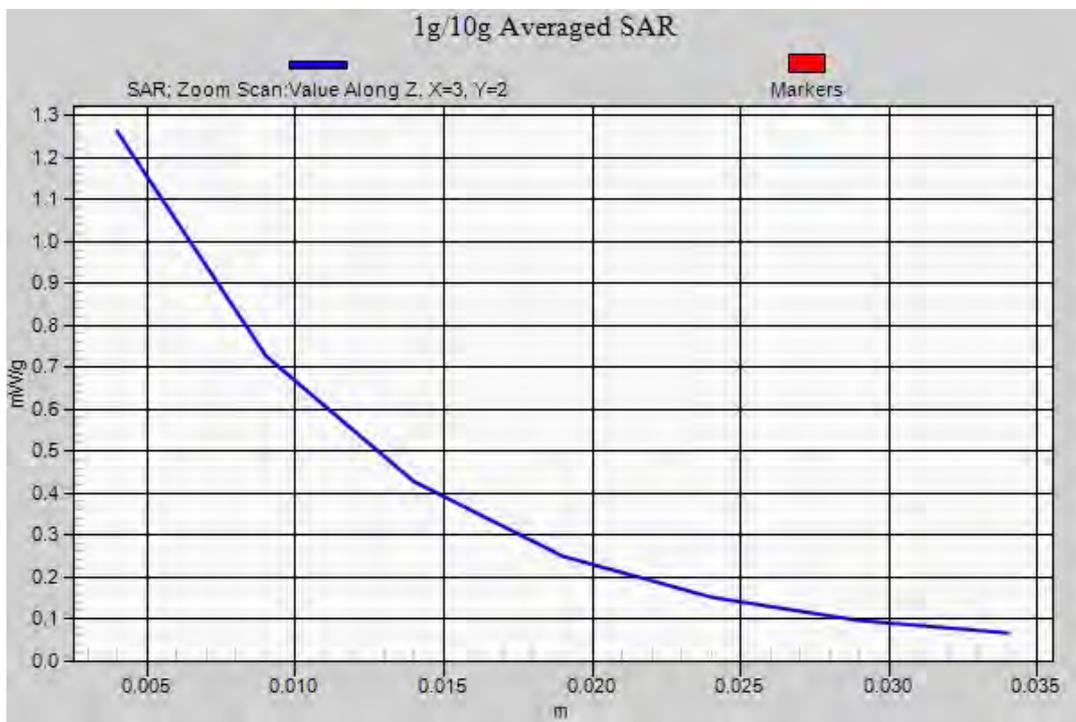
SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.572 mW/g

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

Maximum value of SAR (measured) = 1.26 mW/g



0 dB = 1.26mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 WCDMA 1900 9538CH Front Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used: $f = 1908$ MHz; $\sigma = 1.6$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.73, 4.73, 4.73); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

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

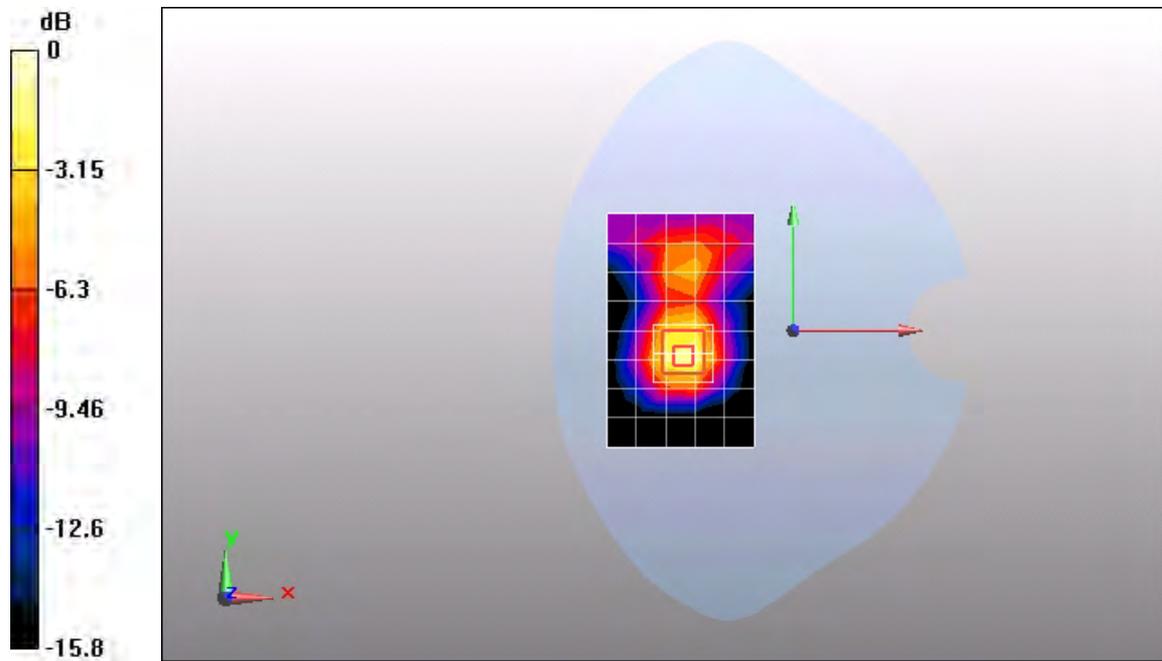
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.84 V/m; Power Drift = 0.091 dB

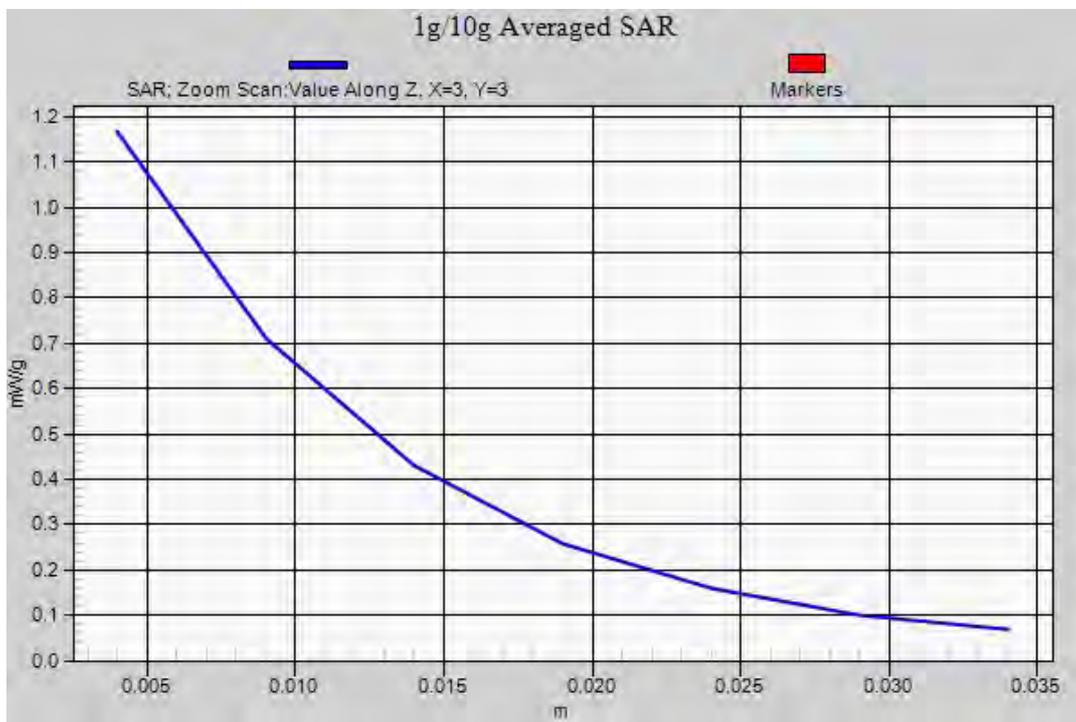
Peak SAR (extrapolated) = 1.78 W/kg

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.542 mW/g

Maximum value of SAR (measured) = 1.17 mW/g



0 dB = 1.17mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 WCDMA 1900 9262CH Front Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.73, 4.73, 4.73); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

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

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

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

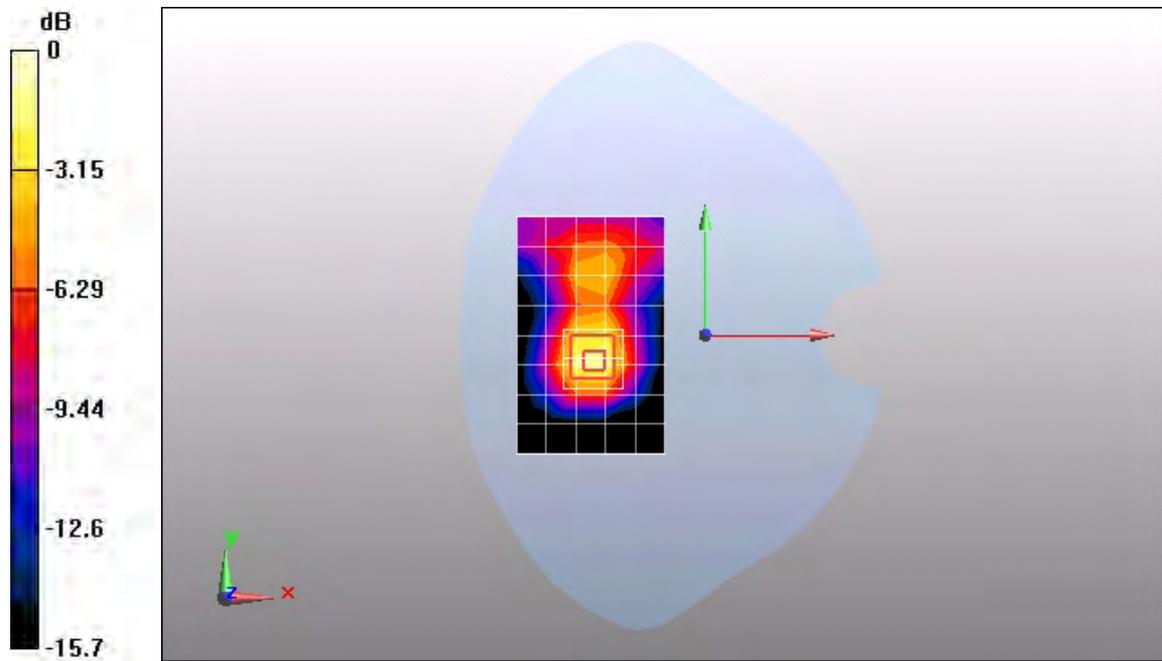
Reference Value = 4.27 V/m; Power Drift = 0.104 dB

Peak SAR (extrapolated) = 1.91 W/kg

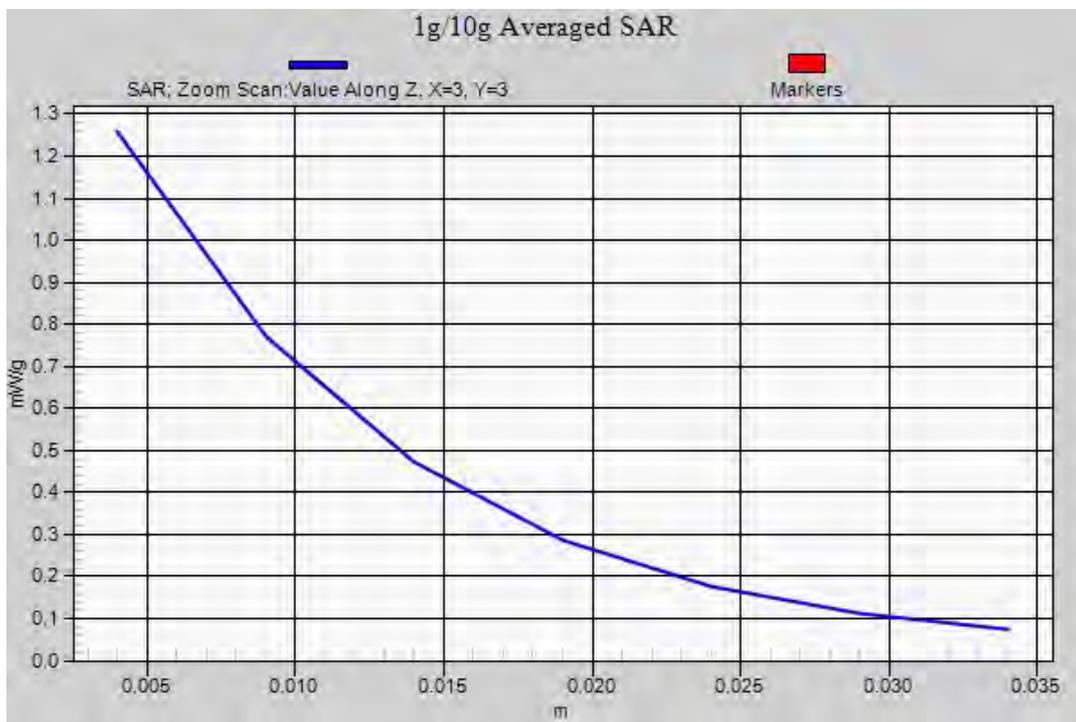
SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.595 mW/g

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

Maximum value of SAR (measured) = 1.26 mW/g



0 dB = 1.26mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 WCDMA 1900 9538CH Left Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used: $f = 1908$ MHz; $\sigma = 1.6$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.73, 4.73, 4.73); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.646 mW/g

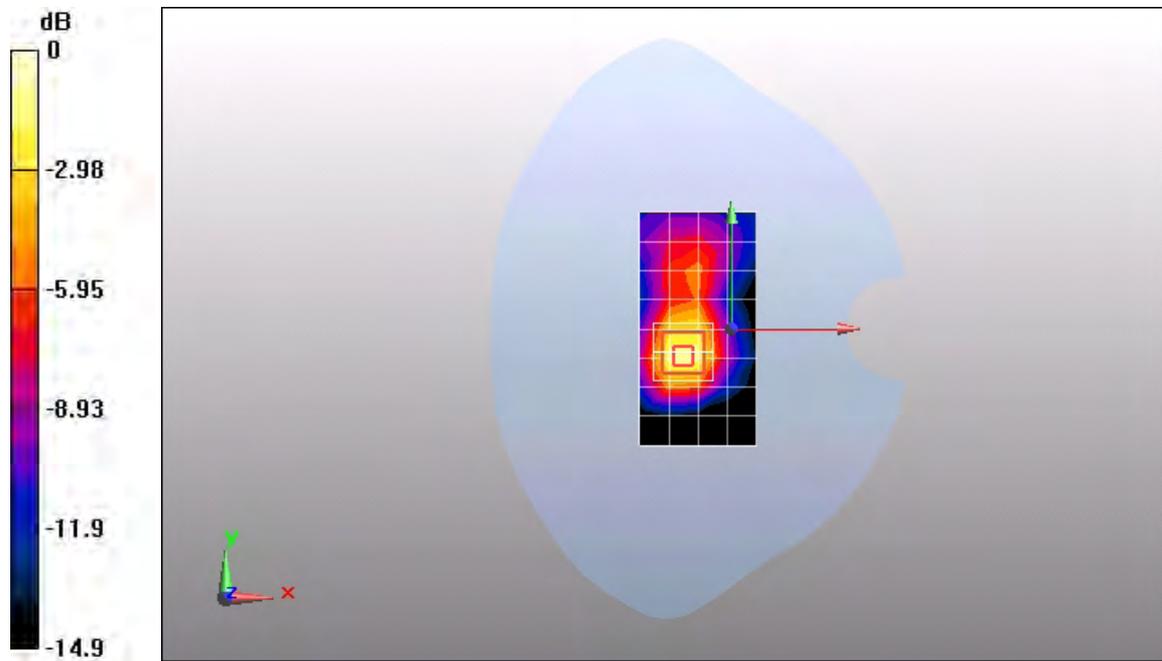
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.1 V/m; Power Drift = 0.097 dB

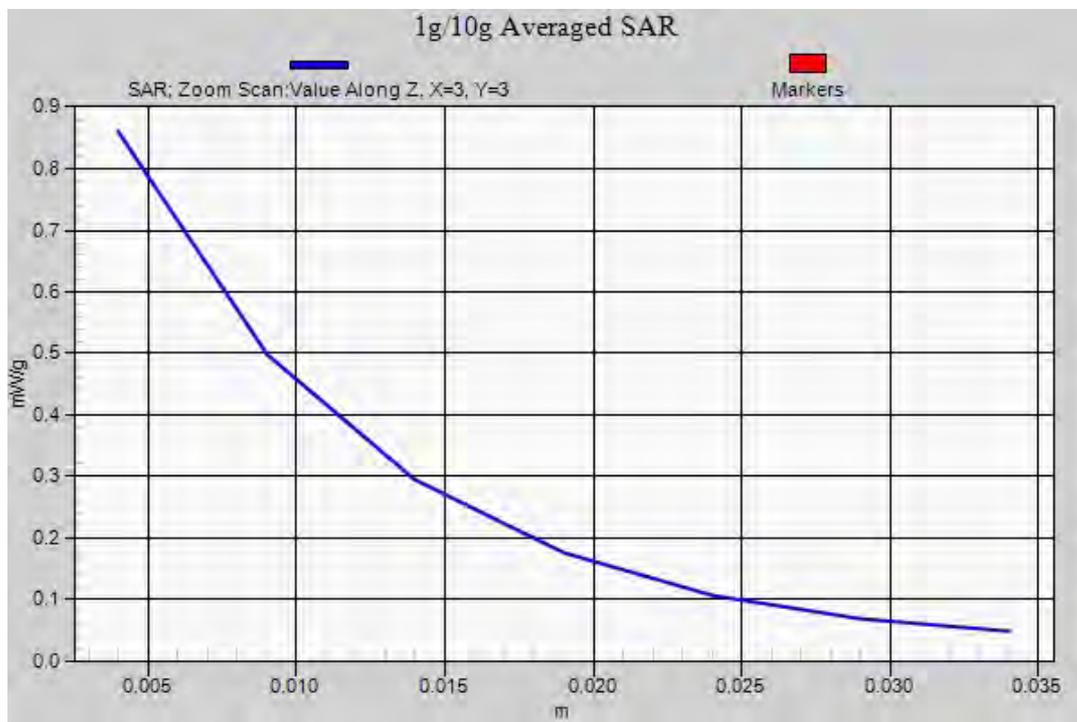
Peak SAR (extrapolated) = 1.4 W/kg

SAR(1 g) = 0.767 mW/g; SAR(10 g) = 0.396 mW/g

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



0 dB = 0.861mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 WCDMA 1900 9262CH Left Side 5mm

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.73, 4.73, 4.73); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (5x9x1): 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

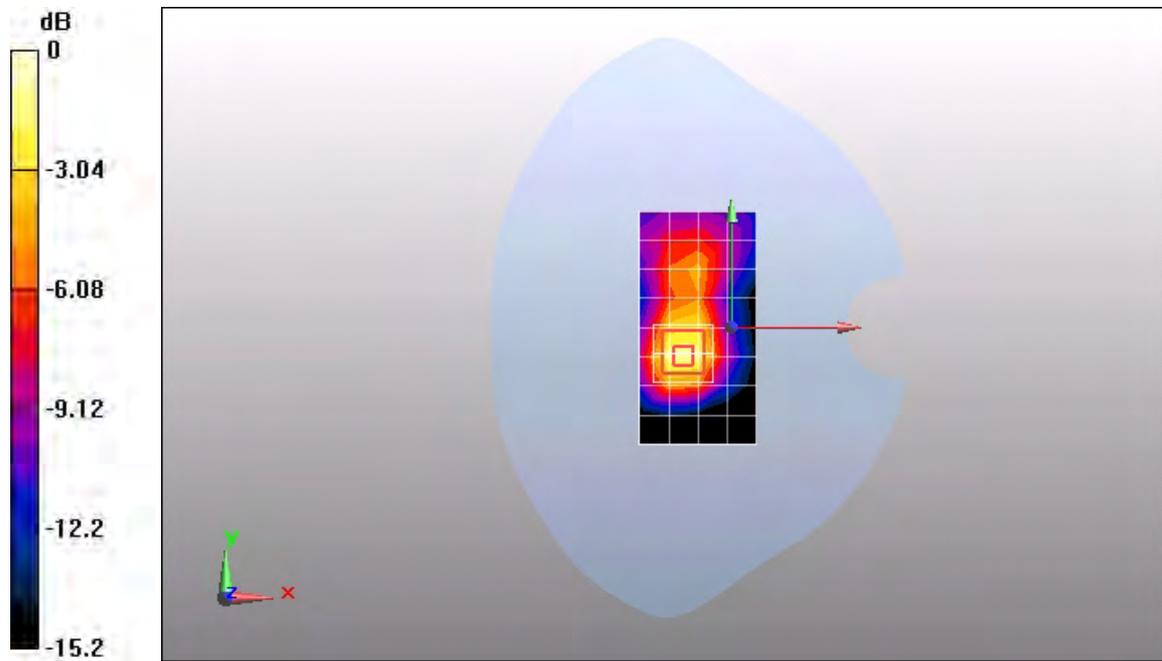
Reference Value = 18.1 V/m; Power Drift = -0.032 dB

Peak SAR (extrapolated) = 1.57 W/kg

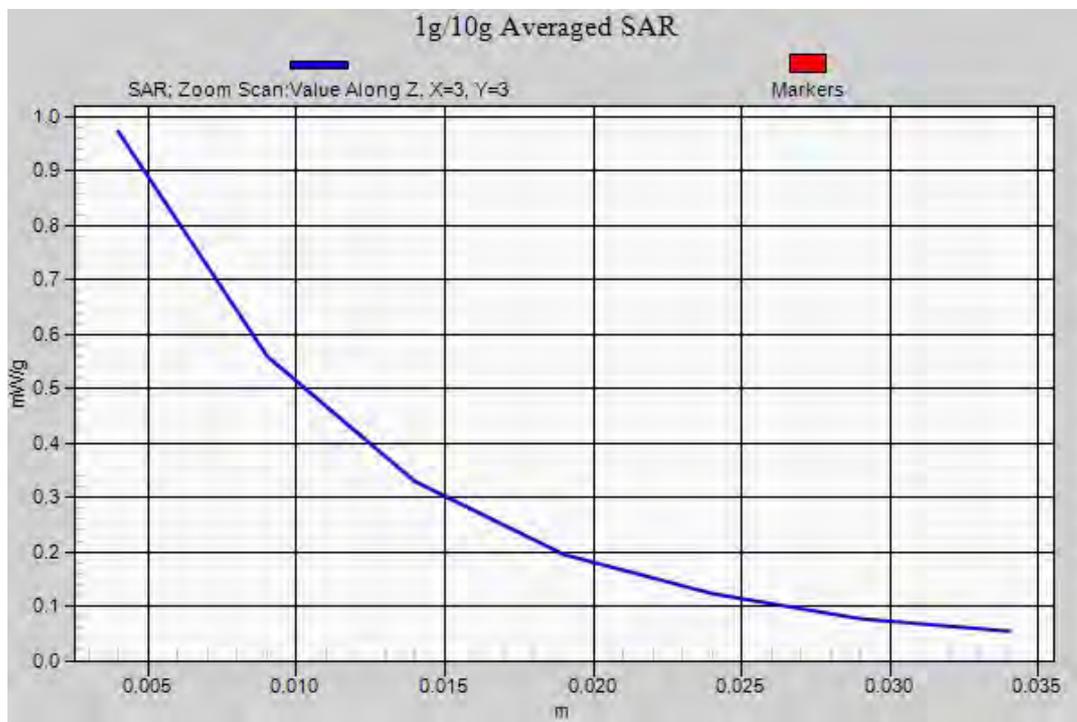
SAR(1 g) = 0.861 mW/g; SAR(10 g) = 0.446 mW/g

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

Maximum value of SAR (measured) = 0.973 mW/g



0 dB = 0.973mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 WCDMA1900 9262CH Front Side 5mm with HSDPA

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.73, 4.73, 4.73); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.983 mW/g

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

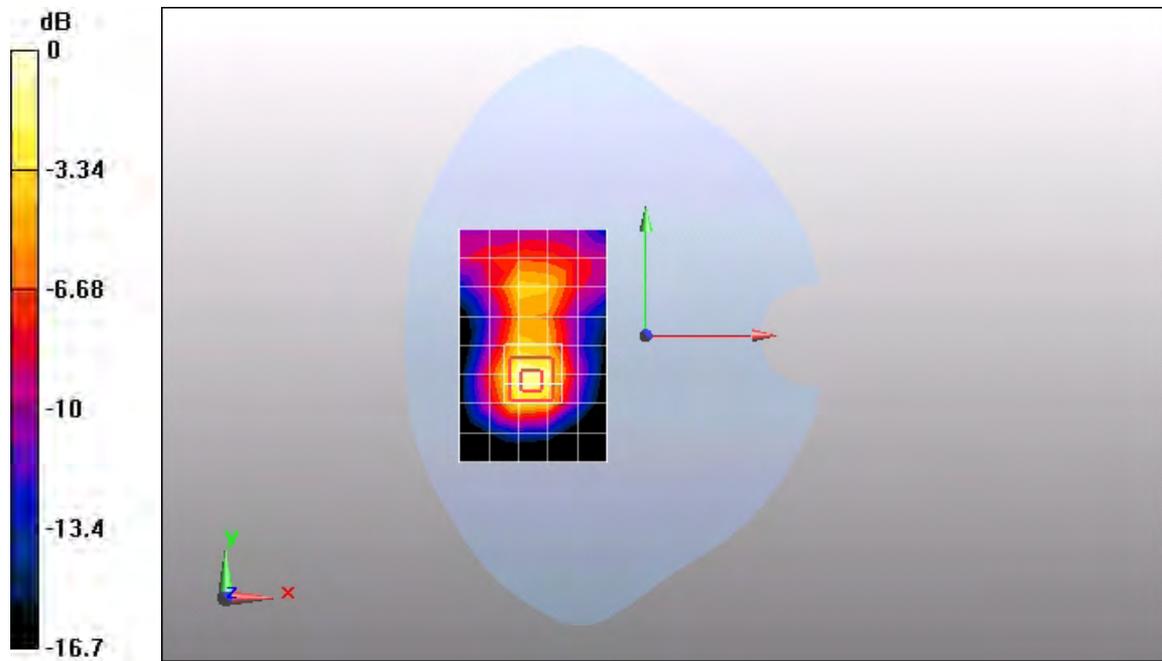
Reference Value = 3.84 V/m; Power Drift = 0.073 dB

Peak SAR (extrapolated) = 1.85 W/kg

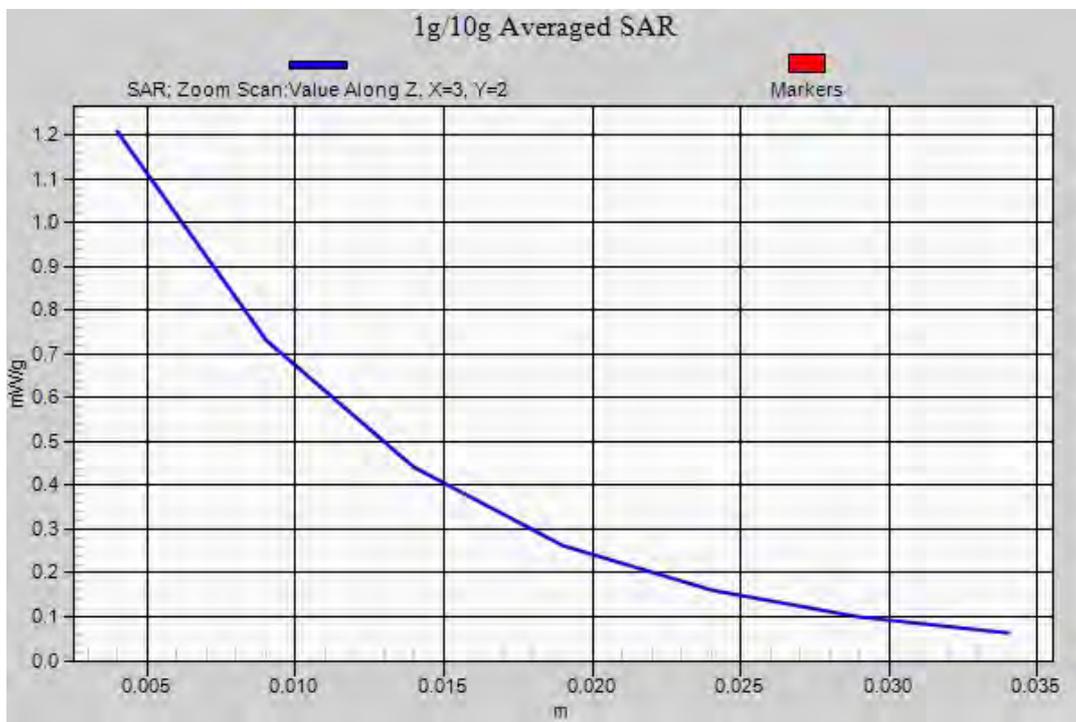
SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.569 mW/g

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

Maximum value of SAR (measured) = 1.21 mW/g



0 dB = 1.21mW/g



Test Laboratory: HUAWEI SAR Lab

E352Ls-5 WCDMA1900 9262CH Front Side 5mm with HSUPA

DUT: E352Ls-5; Type: HSPA USB Stick; Serial: E6P2A11161000169

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

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3254; ConvF(4.73, 4.73, 4.73); Calibrated: 3/11/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1236; Calibrated: 10/26/2010
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASYS, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

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

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

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

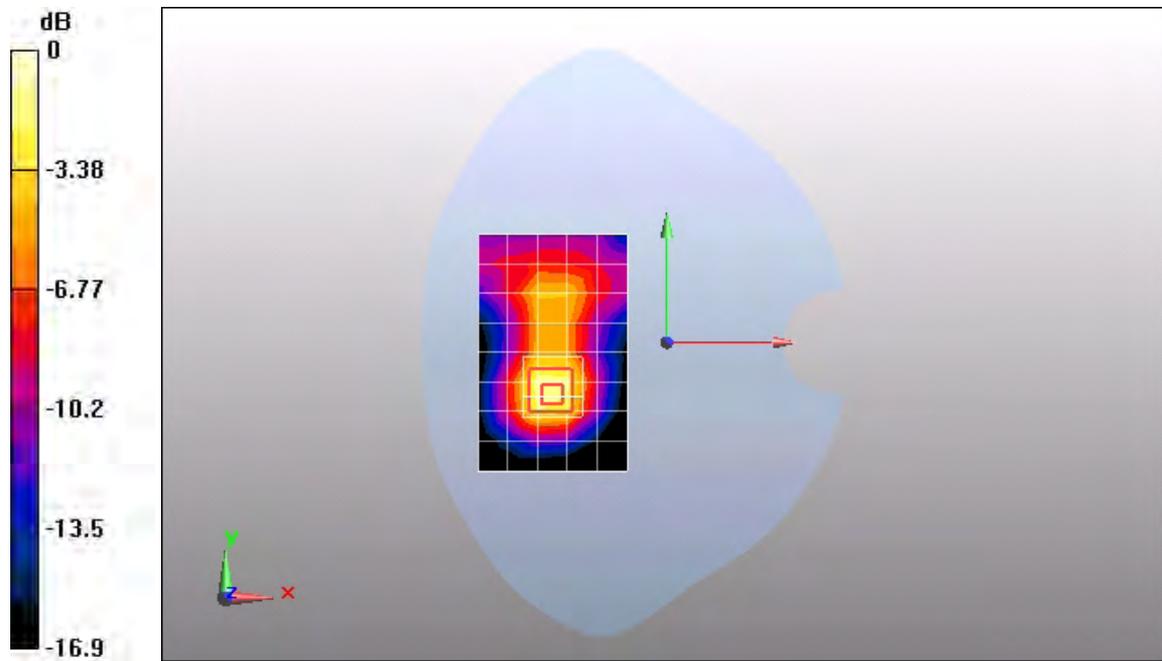
Reference Value = 4.06 V/m; Power Drift = 0.120 dB

Peak SAR (extrapolated) = 1.81 W/kg

SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.553 mW/g

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

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



0 dB = 1.18mW/g

