



SAR Test Report Plots on ELITE S100T1

FCC ID: WL6-RTL8188CUS

Report Reference: MCN_ELITE_1101_FCC SAR

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Note:

The following test results relate only to the devices specified in this document. This report shall not be reproduced in parts without the written approval of the test laboratory.

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Appendix A: SAR plots for other position

1 Left side – middle channel

DASY4 Configuration:

- Probe: ES3DV3 - SN3109; ConvF(4.26, 4.26, 4.26); Calibrated: 2010-8-25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn685; Calibrated: 2010-8-19
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 171

low/Area Scan (61x131x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (interpolated) = 0.651 mW/g

low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

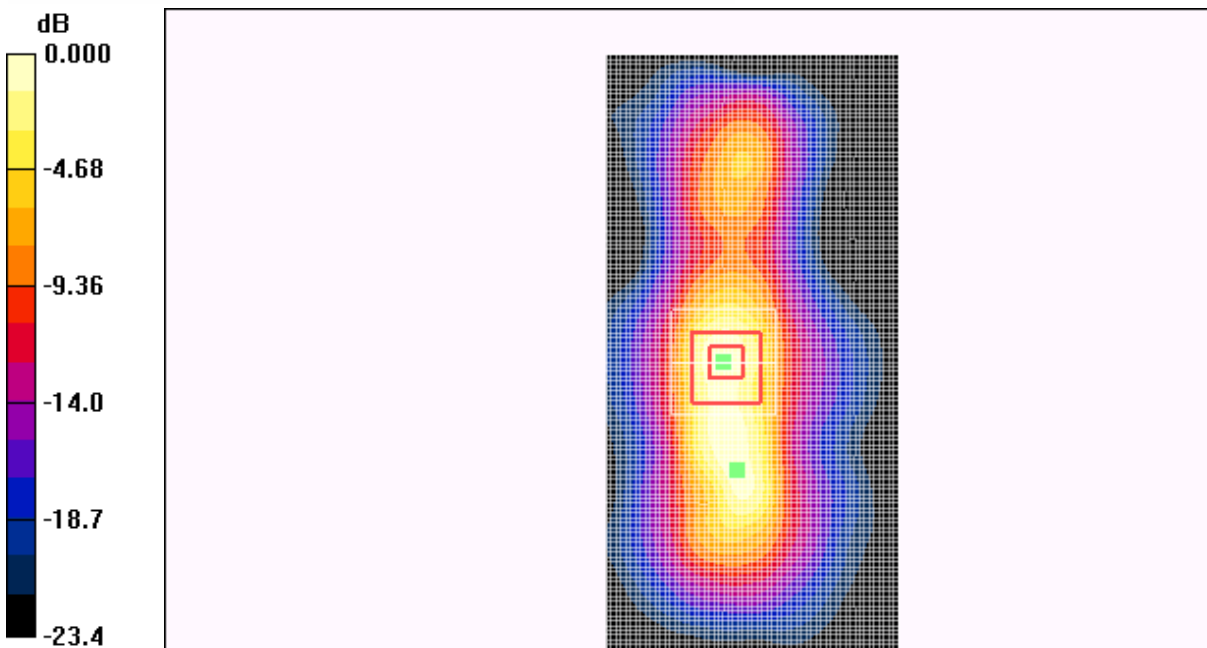
Reference Value = 17.4 V/m; Power Drift = -0.043 dB

Peak SAR (extrapolated) = 1.12 W/kg

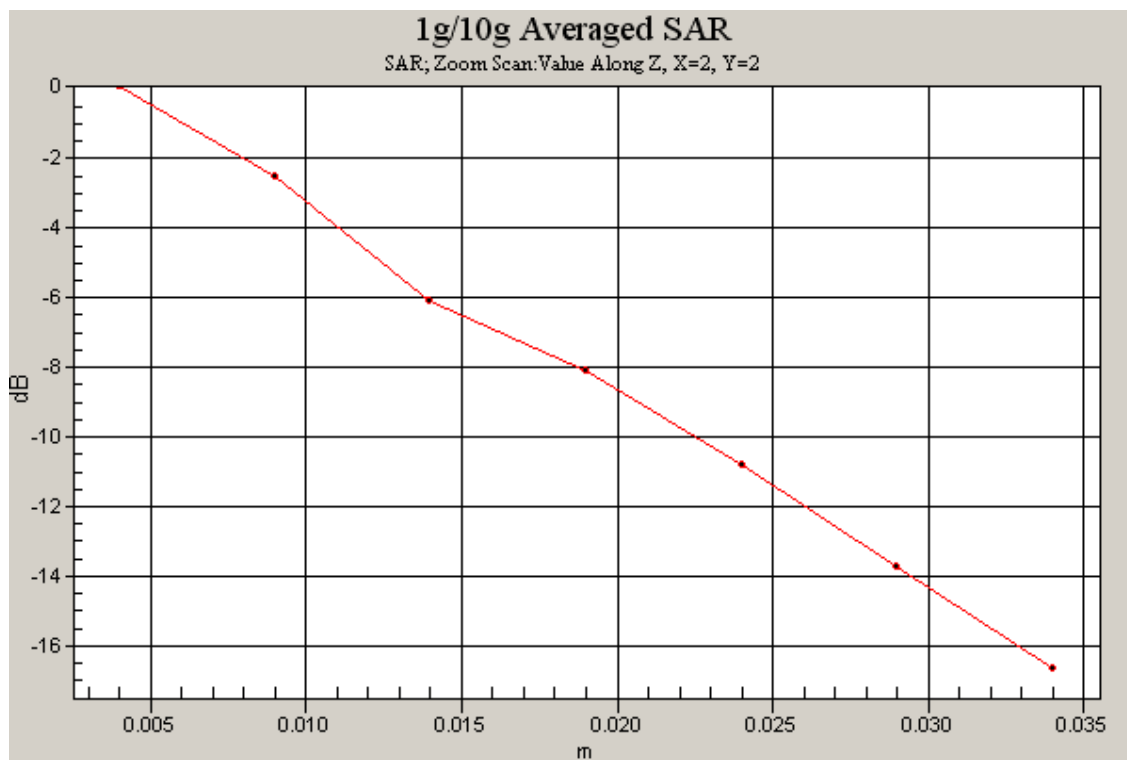
SAR(1 g) = 0.547 mW/g; SAR(10 g) = 0.259 mW/g

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

Maximum value of SAR (measured) = 0.611 mW/g



0 dB = 0.611mW/g





2 Bottom side – middle channel

DASY4 Configuration:

- Probe: ES3DV3 - SN3109; ConvF(4.26, 4.26, 4.26); Calibrated: 2010-8-25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn685; Calibrated: 2010-8-19
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 171

low/Area Scan (61x211x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (interpolated) = 0.014 mW/g

low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

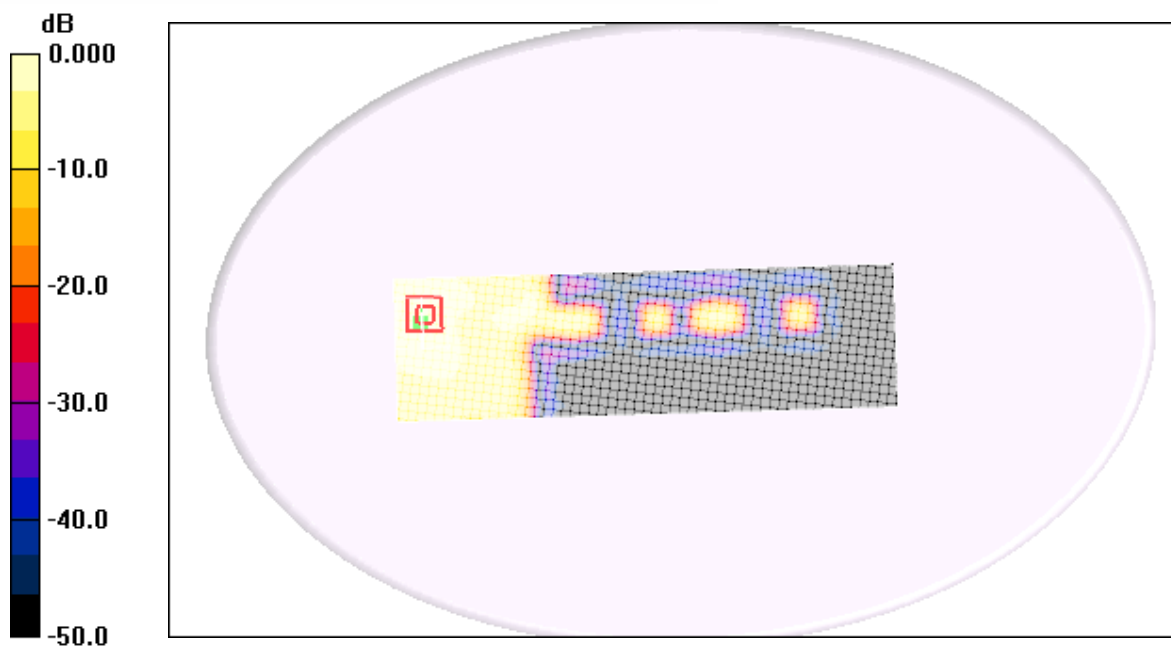
Reference Value = 1.43 V/m; Power Drift = -0.091 dB

Peak SAR (extrapolated) = 0.026 W/kg

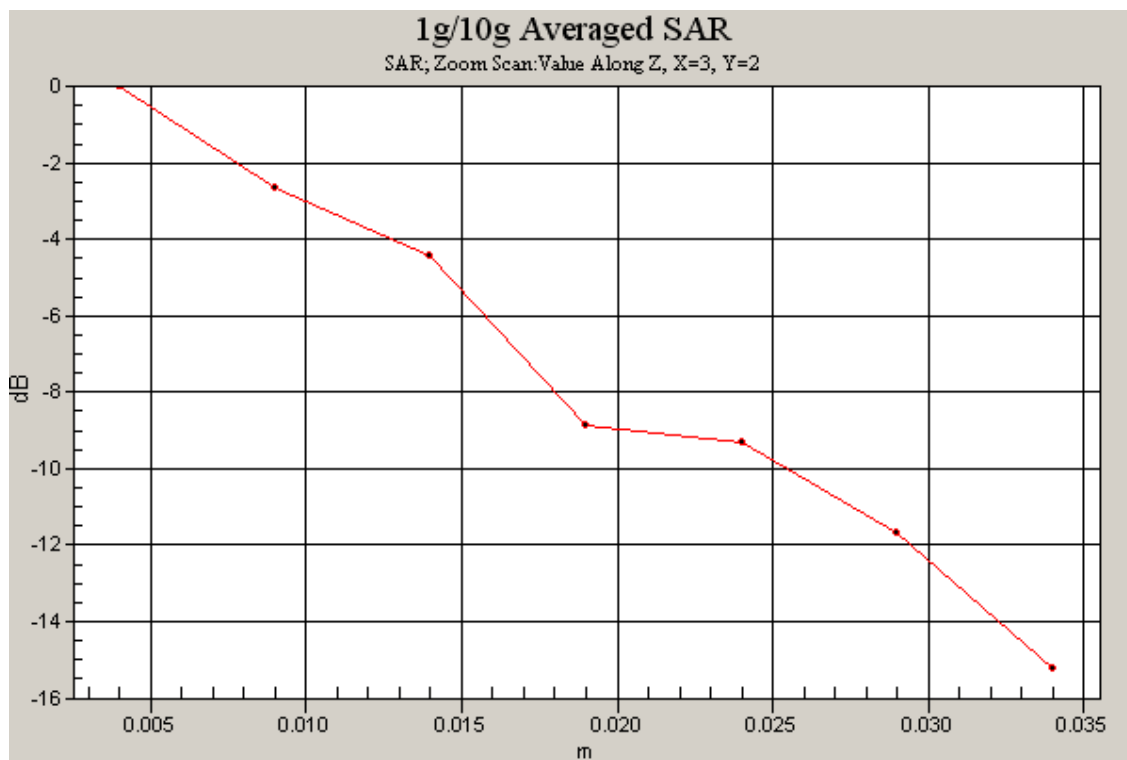
SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.0075 mW/g

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

Maximum value of SAR (measured) = 0.014 mW/g



0 dB = 0.014mW/g





3 Top side – middle channel

DASY4 Configuration:

- Probe: ES3DV3 - SN3109; ConvF(4.26, 4.26, 4.26); Calibrated: 2010-8-25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn685; Calibrated: 2010-8-19
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 171

low/Area Scan (61x211x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (interpolated) = 0.008 mW/g

low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

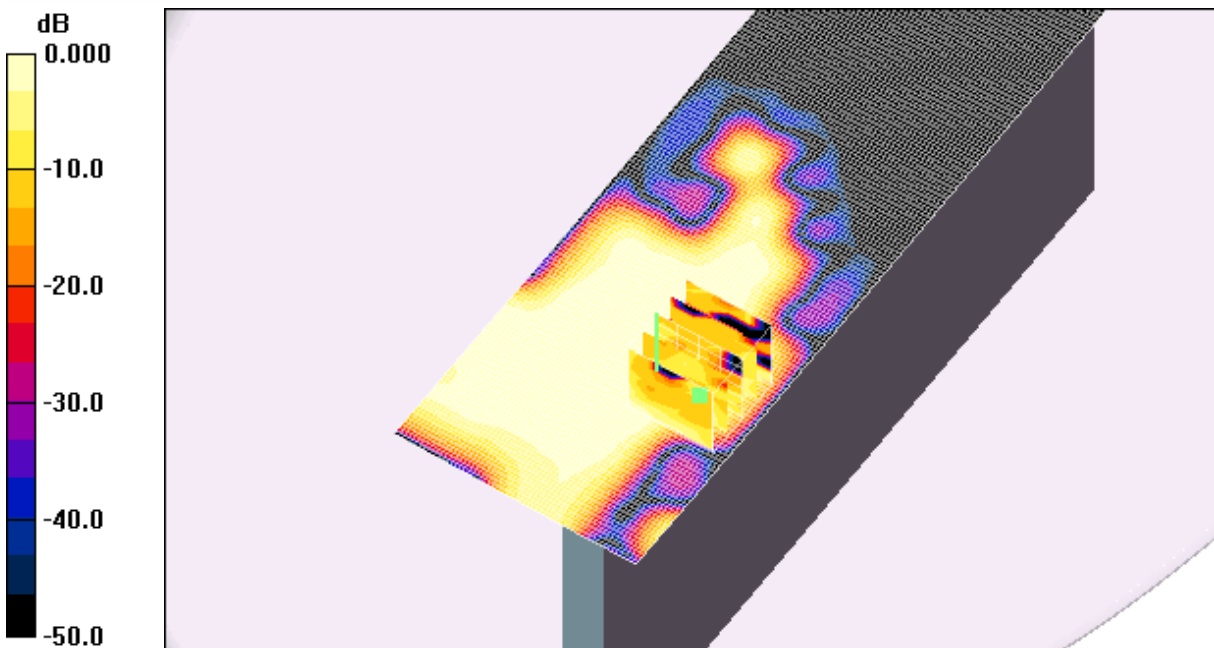
Reference Value = 1.74 V/m; Power Drift = -0.164 dB

Peak SAR (extrapolated) = 0.014 W/kg

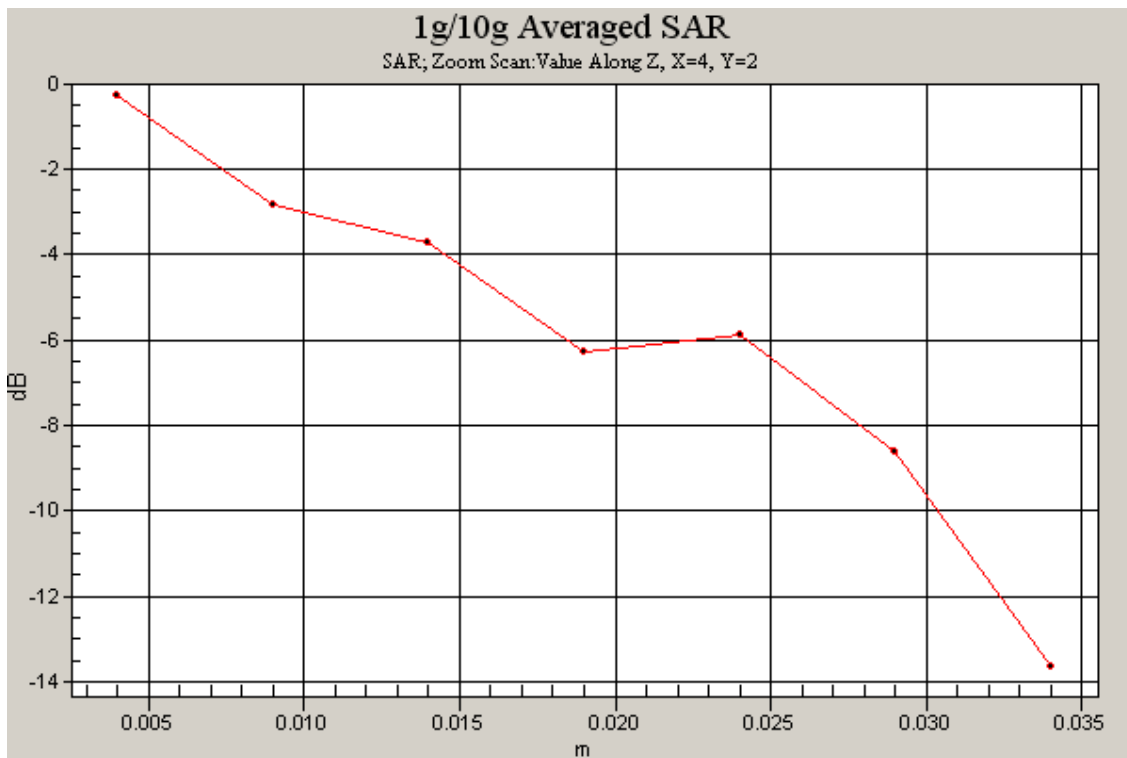
SAR(1 g) = 0.00401 mW/g; SAR(10 g) = 0.00175 mW/g

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

Maximum value of SAR (measured) = 0.005 mW/g



0 dB = 0.005mW/g



4 Back side – low channel

DASY4 Configuration:

- Probe: ES3DV3 - SN3109; ConvF(4.26, 4.26, 4.26); Calibrated: 2010-8-25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn685; Calibrated: 2010-8-19
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 171

low/Area Scan (131x201x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.35 mW/g

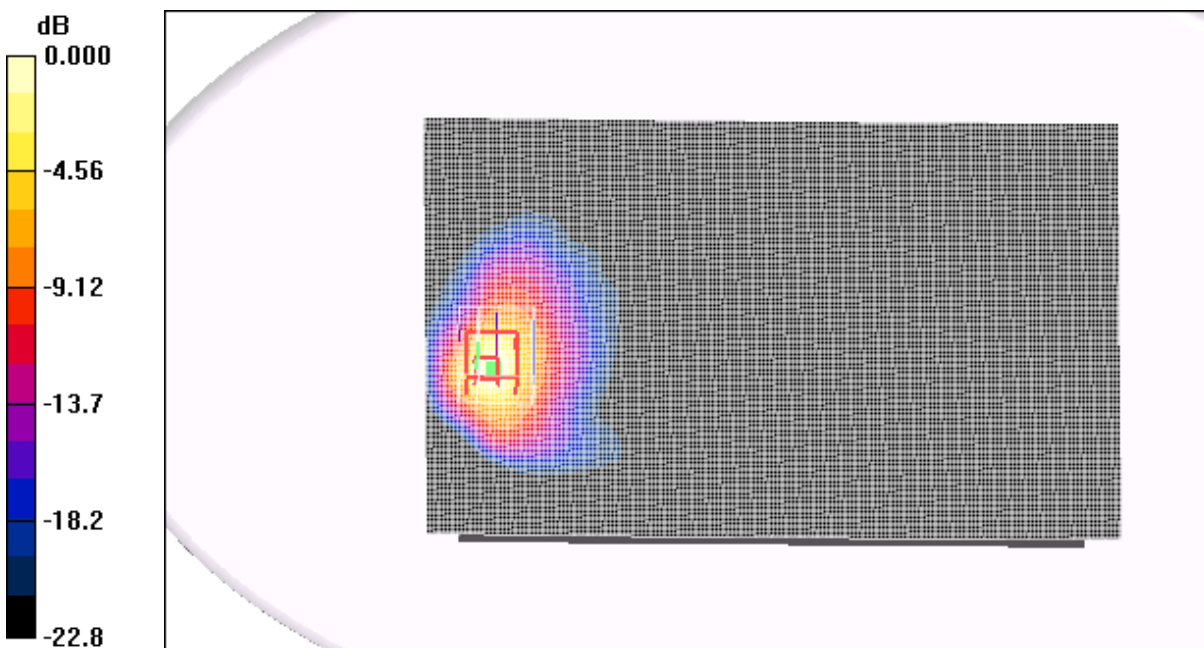
low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

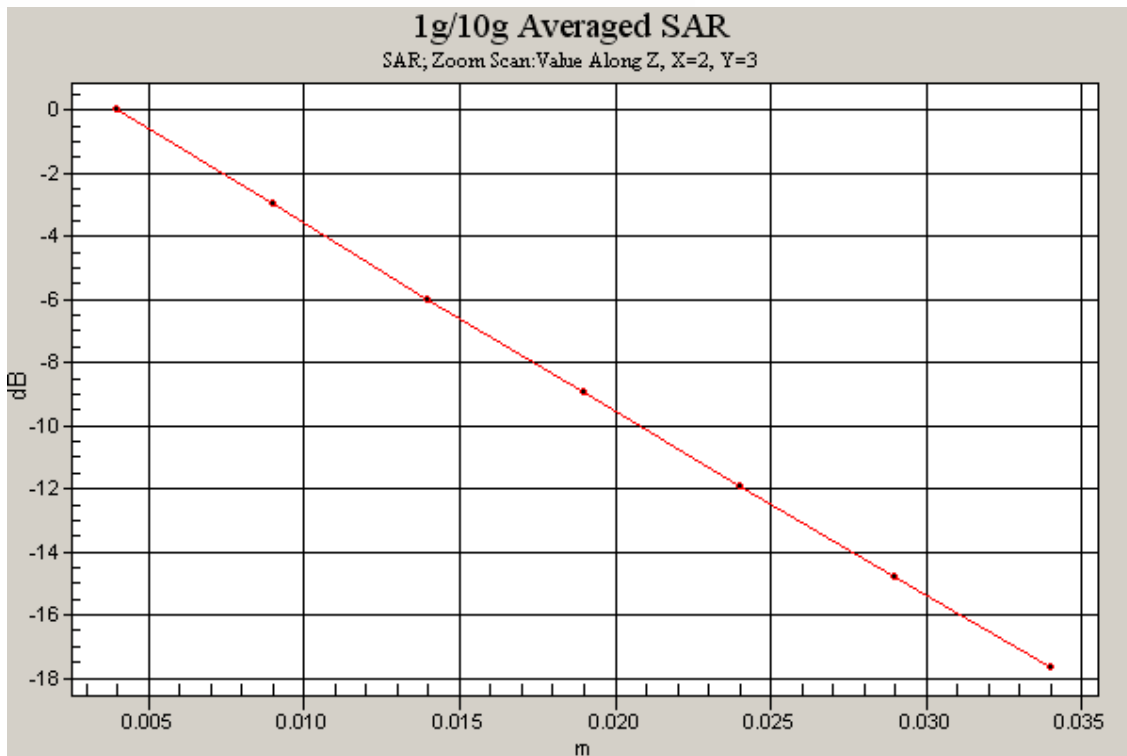
Reference Value = 5.94 V/m; Power Drift = 0.182 dB

Peak SAR (extrapolated) = 3.35 W/kg

SAR(1 g) = 1.36 mW/g; SAR(10 g) = 0.544 mW/g

Maximum value of SAR (measured) = 1.30 mW/g





5 Back side – middle channel

DASY4 Configuration:

- Probe: ES3DV3 - SN3109; ConvF(4.26, 4.26, 4.26); Calibrated: 2010-8-25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn685; Calibrated: 2010-8-19
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 171

mid/Area Scan (131x201x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (interpolated) = 1.32 mW/g

mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.10 V/m; Power Drift = 0.166 dB



Peak SAR (extrapolated) = 3.33 W/kg
SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.542 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.30 mW/g

