



APPENDIX A - SAR MEASUREMENT DATA

bottom edge mid ch

Date/Time: 11/14/2013 3:41:56 PM

DUT: Motion computing;

Communication System: 900MHz FHSS; ; Frequency: 916.1 MHz;Duty Cycle: 1:1

Medium: M900 Medium parameters used: $f = 900$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3722; ConvF(8.72, 8.72, 8.72); Calibrated: 7/29/2013

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

- Electronics: DAE3 Sn584; Calibrated: 7/18/2013

- Phantom: SAM with CRP; Type: SAM; Serial: TP 1310

- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Area Scan (41x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.69 mW/g

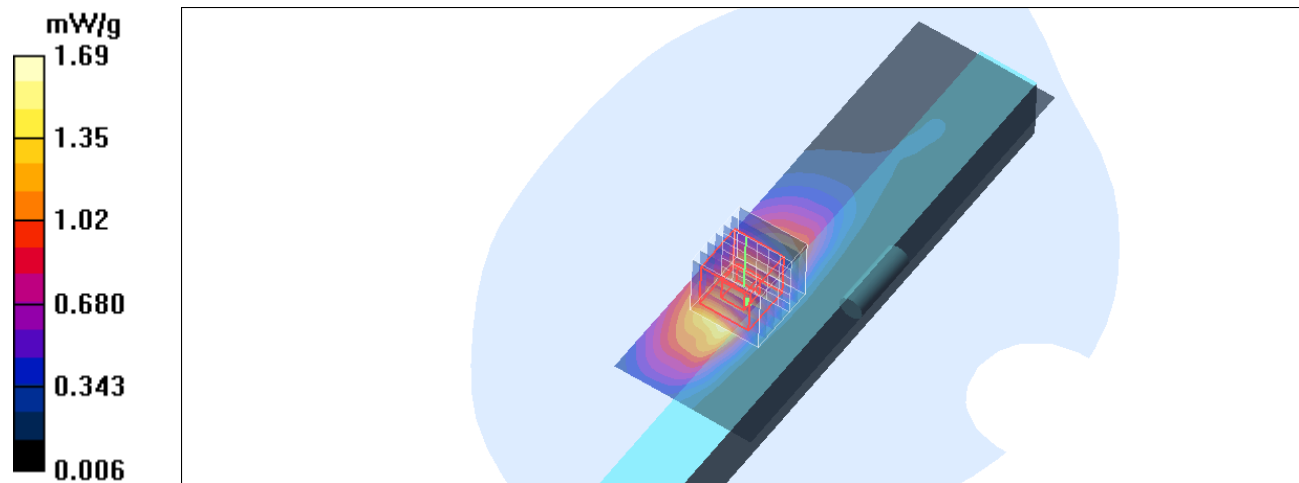
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.5 V/m; Power Drift = 0.049 dB

Peak SAR (extrapolated) = 1.98 W/kg

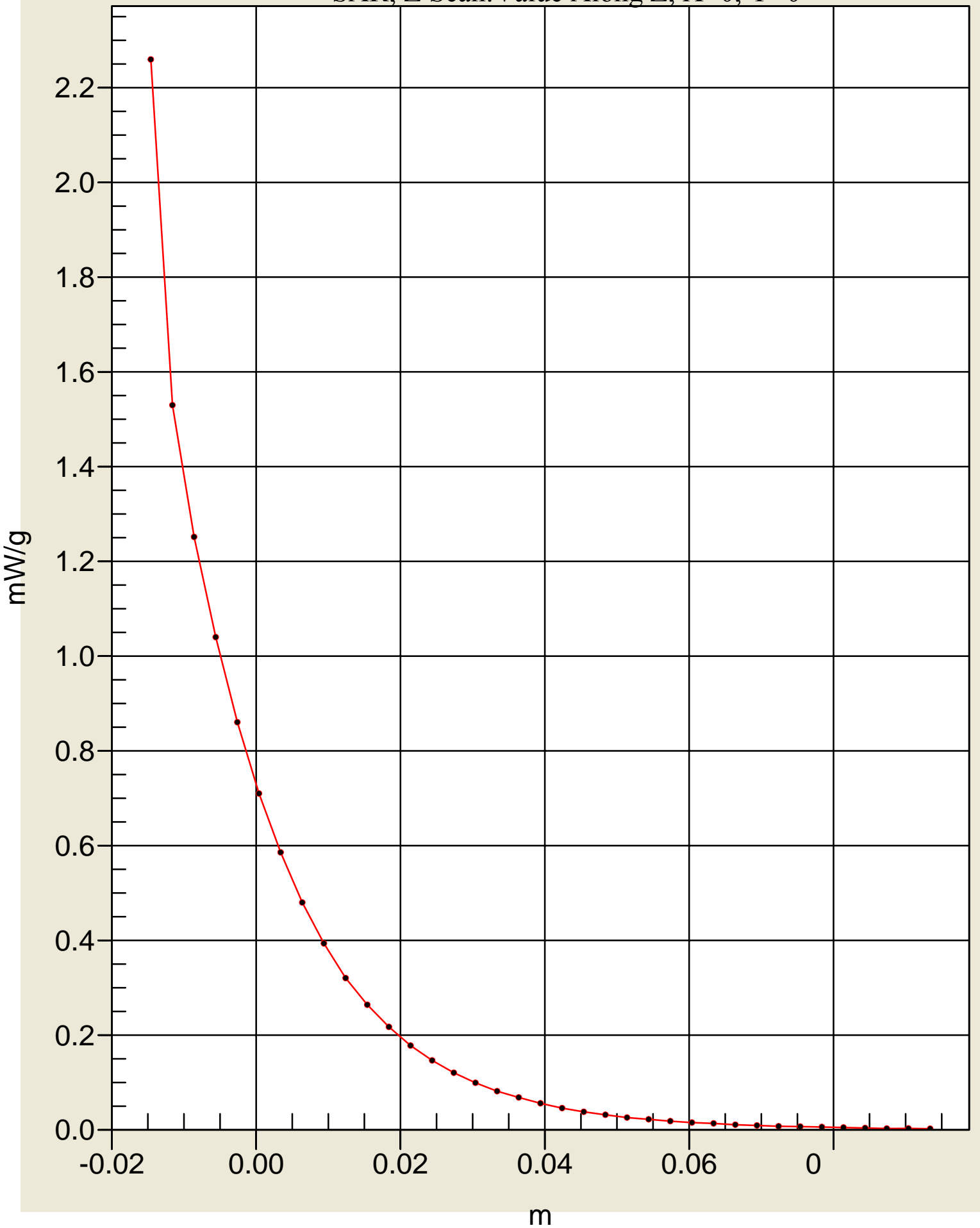
SAR(1 g) = 1.42 mW/g; SAR(10 g) = 0.964 mW/g

Maximum value of SAR (measured) = 1.52 mW/g



Mid ch bottom side

SAR; Z Scan: Value Along Z, X=0, Y=0



bottom edge low ch

Date/Time: 11/15/2013 10:04:57 AM

DUT: Motion computing;

Communication System: 900MHz FHSS; ; Frequency: 902.1

MHz;Duty Cycle: 1:1

Medium: M900 Medium parameters used: $f = 900$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3722; ConvF(8.72, 8.72, 8.72); Calibrated: 7/29/2013
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn584; Calibrated: 7/18/2013
- Phantom: SAM with CRP; Type: SAM; Serial: TP 1310
- Measurement SW: DASYS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Area Scan (41x131x1): Measurement grid: dx=15mm, dy=15mm

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

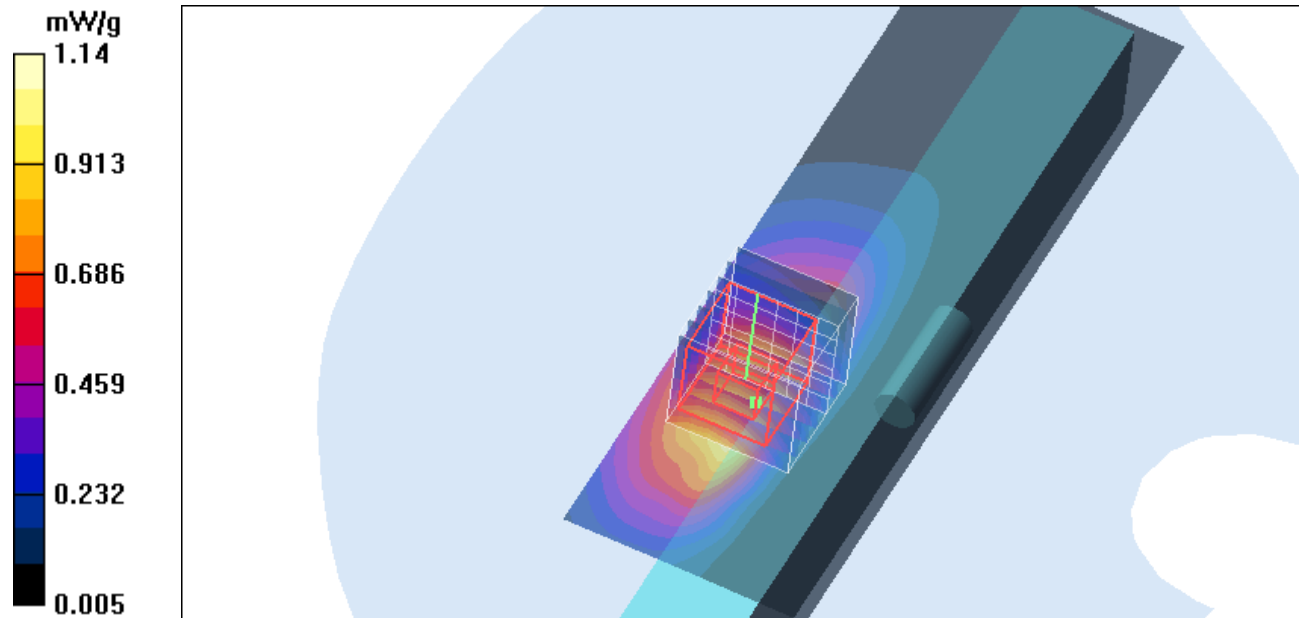
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.6 V/m; Power Drift = 0.018 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.901 mW/g; SAR(10 g) = 0.615 mW/g

Maximum value of SAR (measured) = 0.961 mW/g



bottom edge high ch

Date/Time: 11/15/2013 10:37:04 AM

DUT: Motion computing;

Communication System: 900MHz FHSS; ; Frequency: 927.1 MHz;Duty Cycle: 1:1

Medium: M900 Medium parameters used: $f = 900$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3722; ConvF(8.72, 8.72, 8.72); Calibrated: 7/29/2013
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn584; Calibrated: 7/18/2013
- Phantom: SAM with CRP; Type: SAM; Serial: TP 1310
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Area Scan (41x131x1): Measurement grid: dx=15mm, dy=15mm

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

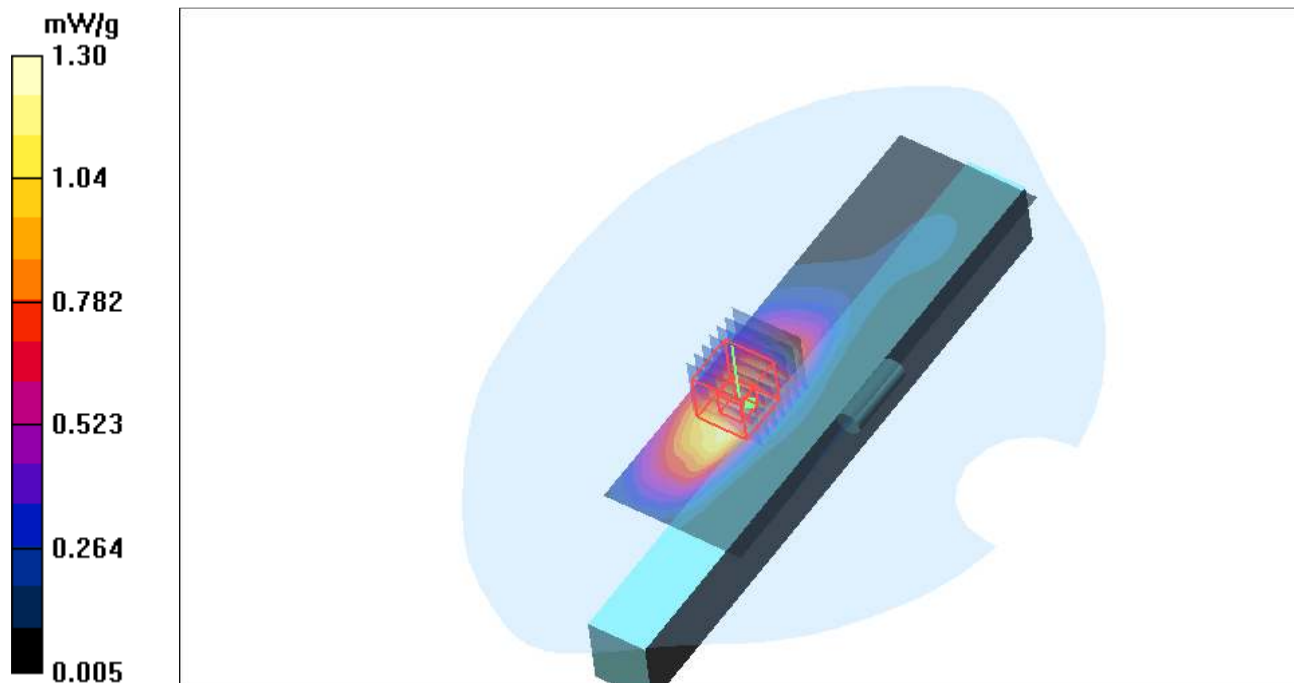
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.1 V/m; Power Drift = -0.035 dB

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.761 mW/g

Maximum value of SAR (measured) = 1.20 mW/g



back side mid ch

Date/Time: 11/14/2013 2:52:37 PM

DUT: Motion computing;

Communication System: 900MHz FHSS; ; Frequency: 916.1 MHz;Duty Cycle: 1:1

Medium: M900 Medium parameters used: $f = 900$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3722; ConvF(8.72, 8.72, 8.72); Calibrated: 7/29/2013
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn584; Calibrated: 7/18/2013
- Phantom: SAM with CRP; Type: SAM; Serial: TP 1310
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

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

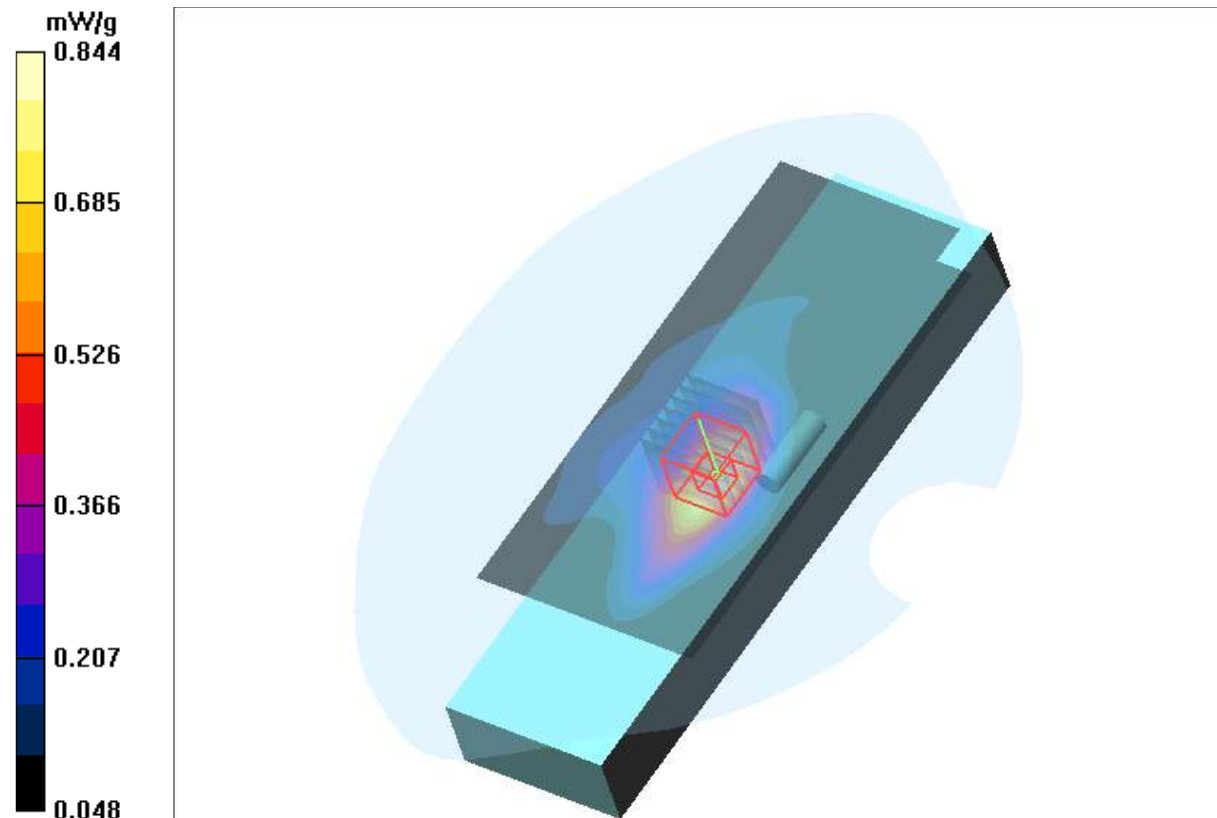
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.6 V/m; Power Drift = 0.028 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.784 mW/g; SAR(10 g) = 0.512 mW/g

Maximum value of SAR (measured) = 0.844 mW/g



face side mid ch

Date/Time: 11/14/2013 2:24:30 PM

DUT: Motion computing;

Communication System: 900MHz FHSS; ; Frequency: 916.1 MHz;Duty Cycle: 1:1

Medium: M900 Medium parameters used: $f = 900$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3722; ConvF(8.72, 8.72, 8.72); Calibrated: 7/29/2013
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn584; Calibrated: 7/18/2013
- Phantom: SAM with CRP; Type: SAM; Serial: TP 1310
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Area Scan (61x171x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.463 mW/g

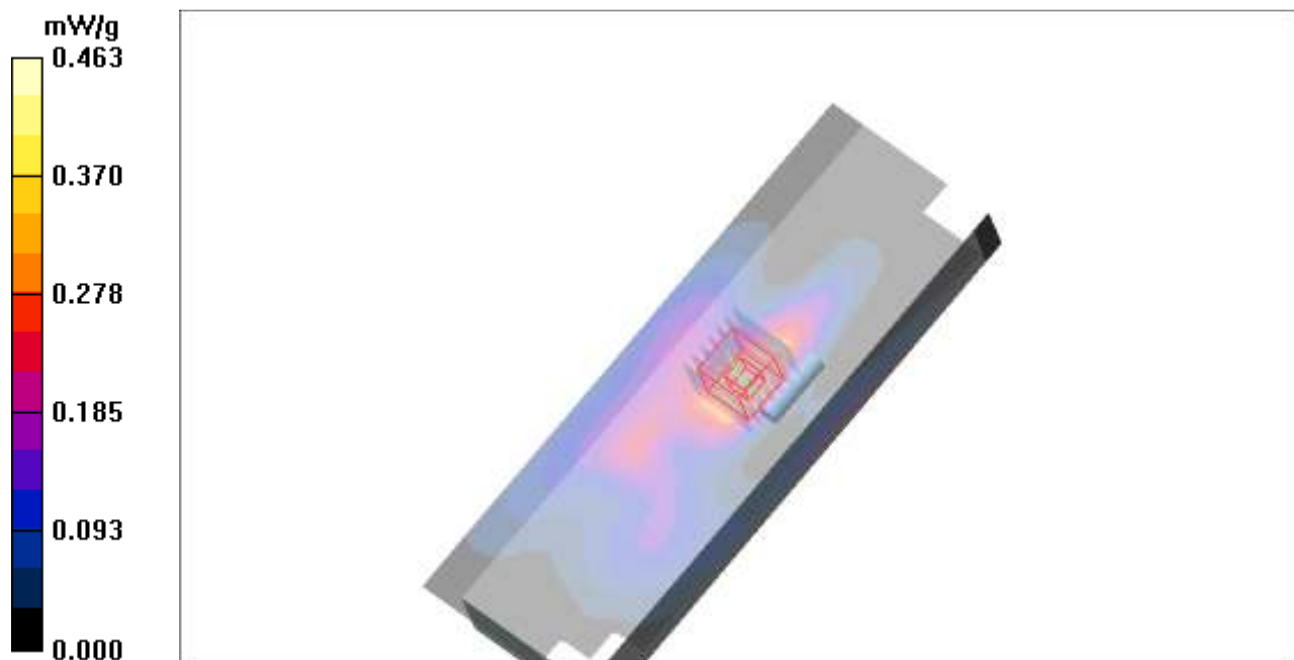
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 17.9 V/m; Power Drift = -0.533 dB

Peak SAR (extrapolated) = 0.578 W/kg

SAR(1 g) = 0.397 mW/g; SAR(10 g) = 0.250 mW/g

Maximum value of SAR (measured) = 0.430 mW/g





APPENDIX B - SYSTEM PERFORMANCE CHECK

835MHz validation

Date/Time: 11/14/2013 8:50:53 AM

DUT: Dipole 835 MHz;

Communication System: CW; ; Frequency: 835 MHz;Duty Cycle: 1:1

Medium: M835 Medium parameters used: $f = 835$ MHz; $\sigma = 0.93$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3722; ConvF(8.72, 8.72, 8.72); Calibrated: 7/29/2013
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn584; Calibrated: 7/18/2013
- Phantom: SAM with CRP; Type: SAM; Serial: TP 1310
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

d=15mm, Pin=250mW/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.58 mW/g

d=15mm, Pin=250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 52.8 V/m; Power Drift = 0.033 dB

Peak SAR (extrapolated) = 3.58 W/kg

SAR(1 g) = 2.4 mW/g; SAR(10 g) = 1.58 mW/g

Maximum value of SAR (measured) = 2.58 mW/g

