

APPENDIX A: SYSTEM CHECKING SCANS

Plot1:

Date/Time: 2014-08-15 3:34:50 PM

Test Laboratory: TCC Microsoft

Type: D750V3; Serial: D750V3 - SN:1048

Communication System: CW750

Frequency: 750 MHz; Duty Cycle: 1:1

Medium: Head 750 SAR4; Medium Notes: Medium Temperature: $t=21.1$ C

Medium parameters used: $f = 750$ MHz; $\sigma = 0.897$ S/m; $\epsilon_r = 42.623$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3836
- ConvF(9.4, 9.4, 9.4); Calibrated: 2014-03-21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn887; Calibrated: 2014-03-31
- Phantom: SAR4 - SAM2; Type: Not - Specified; Serial: Not - Specified
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

d=15mm, Pin=250mW/Area Scan (61x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 49.930 V/m

Fast SAR: SAR(1 g) = 2.04 W/kg

Fast SAR(10 g) = 1.4 W/kg

Maximum value of SAR (interpolated) = 2.20 W/kg

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

Reference Value = 49.930 V/m

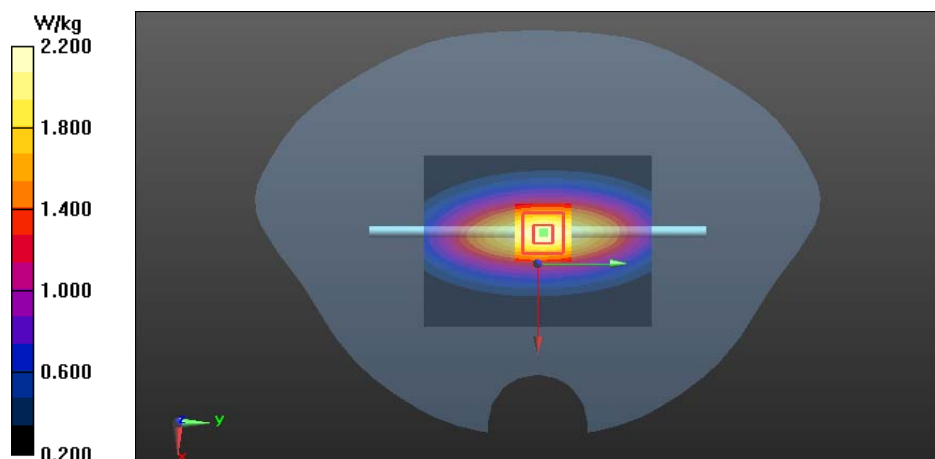
Peak SAR (extrapolated) = 3.07 W/kg

SAR(1 g) = 2.04 W/kg

SAR(10 g) = 1.34 W/kg

Power Drift = -0.06 dB

Maximum value of SAR (measured) = 2.20 W/kg



Plot2:

Date/Time: 2014-08-06 9:31:13 AM

Test Laboratory: TCC Microsoft

Type: D835V2; Serial: 4d005

Communication System: CW835

Frequency: 835 MHz; Duty Cycle: 1:1

Medium: Head 835 SAR1; Medium Notes: Medium Temperature: t=21

Medium parameters used: $f = 835$ MHz; $\sigma = 0.923$ S/m; $\epsilon_r = 43.514$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3839
- ConvF(8.83, 8.83, 8.83); Calibrated: 2013-09-20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn860; Calibrated: 2013-09-16
- Phantom: SAR1 - SAM1; Type: Not Specified; Serial: Not Specified
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

d=15mm, Pin=250mW/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 53.356 V/m

Fast SAR: SAR(1 g) = 2.45 W/kg

Fast SAR(10 g) = 1.67 W/kg

Maximum value of SAR (interpolated) = 2.63 W/kg

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

Reference Value = 53.356 V/m

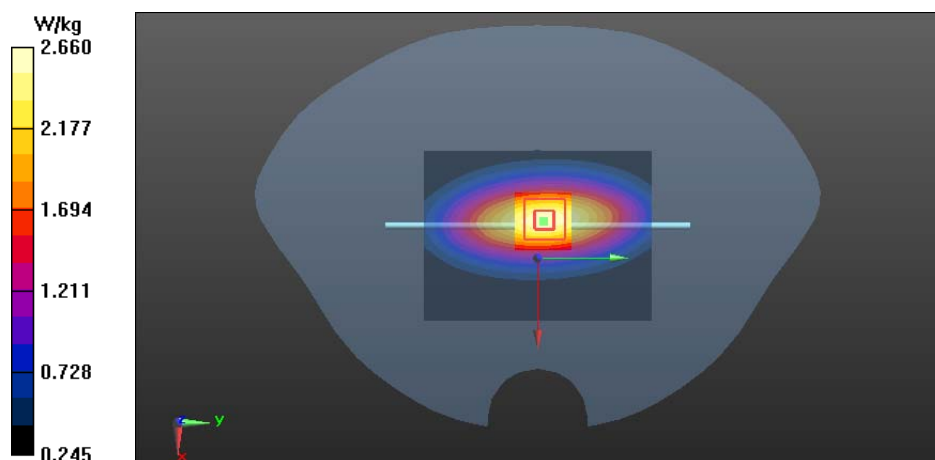
Peak SAR (extrapolated) = 3.70 W/kg

SAR(1 g) = 2.46 W/kg

SAR(10 g) = 1.61 W/kg

Power Drift = -0.06 dB

Maximum value of SAR (measured) = 2.66 W/kg



Plot3:

Date/Time: 2014-08-22 9:31:55 AM

Test Laboratory: TCC Microsoft

Type: D835V2; Serial: 4d005

Communication System: CW835

Frequency: 835 MHz; Duty Cycle: 1:1

Medium: Head 835 SAR3; Medium Notes: Medium Temperature: $t=21.2$

Medium parameters used: $f = 835$ MHz; $\sigma = 0.903$ S/m; $\epsilon_r = 41.613$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3838
- ConvF(9.2, 9.2, 9.2); Calibrated: 2014-03-21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2013-09-16
- Phantom: SAR3 - SAM3; Type: Not Specified; Serial: Not Specified
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.8 (7028)

d=15mm, Pin=250mW/Area Scan (61x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 52.429 V/m

Fast SAR: SAR(1 g) = 2.3 W/kg

Fast SAR(10 g) = 1.57 W/kg

Maximum value of SAR (interpolated) = 2.47 W/kg

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

Reference Value = 52.429 V/m

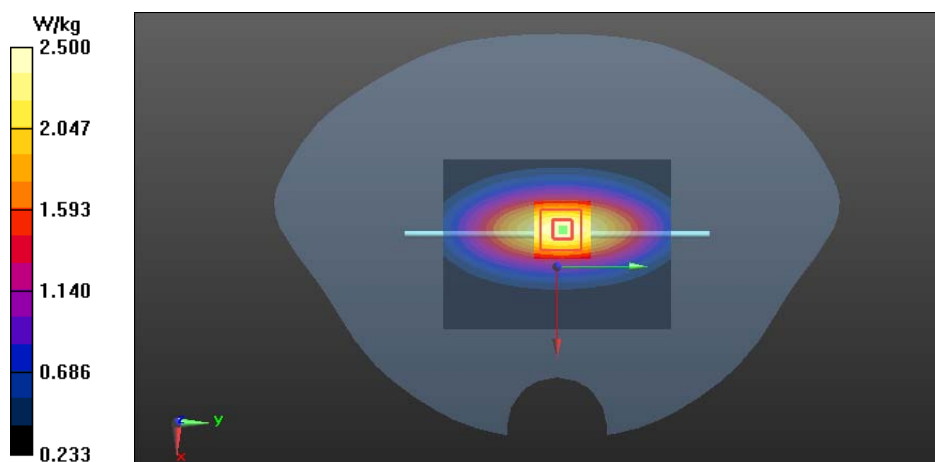
Peak SAR (extrapolated) = 3.43 W/kg

SAR(1 g) = 2.31 W/kg

SAR(10 g) = 1.52 W/kg

Power Drift = -0.03 dB

Maximum value of SAR (measured) = 2.50 W/kg



Plot4:

Date/Time: 2014-08-19 9:33:19 AM

Test Laboratory: TCC Microsoft

Type: D1750V2; Serial: D1750V2 - SN:1085

Communication System: CW1750

Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: Head 1750 SAR2; Medium Notes: Medium Temperature: $t = 21.0^\circ\text{C}$

Medium parameters used: $f = 1750\text{ MHz}$; $\sigma = 1.353\text{ S/m}$; $\epsilon_r = 38.886$; $\rho = 1000\text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3823
- ConvF(7.86, 7.86, 7.86); Calibrated: 2013-09-19;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1319; Calibrated: 2013-09-18
- Phantom: SAR2 - SAM1; Type: Not Specified; Serial: Not Specified
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

d=10mm, Pin=250mW/Area Scan (61x81x1): Interpolated grid: $dx=1.500\text{ mm}$, $dy=1.500\text{ mm}$

Reference Value = 66.565 V/m

Fast SAR: SAR(1 g) = 9.15 W/kg

Fast SAR(10 g) = 4.97 W/kg

Maximum value of SAR (interpolated) = 10.3 W/kg

d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 66.565 V/m

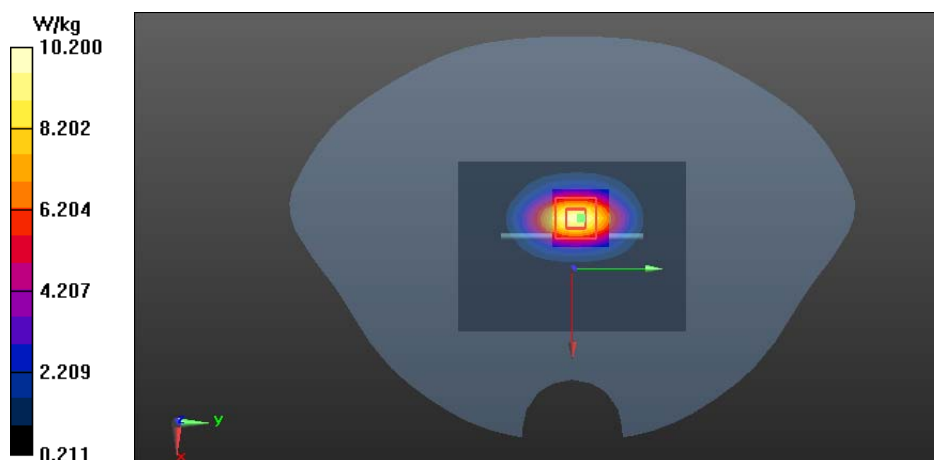
Peak SAR (extrapolated) = 16.7 W/kg

SAR(1 g) = 9.12 W/kg

SAR(10 g) = 4.86 W/kg

Power Drift = -0.03 dB

Maximum value of SAR (measured) = 10.2 W/kg



Plot5:

Date/Time: 2014-08-07 12:17:15 PM

Test Laboratory: TCC Microsoft

Type: D1900V2; Serial: 509

Communication System: CW1900

Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: Head 1900 SAR3; Medium Notes: Medium Temperature: $t=21.2$ C

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.386$ S/m; $\epsilon_r = 38.715$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3574
- ConvF(7.29, 7.29, 7.29); Calibrated: 2013-09-19;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2013-09-16
- Phantom: SAR3 - SAM2 ; Type: Not specified; Serial: Not specified
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.8 (7028)

d=10mm, Pin=250mW/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 88.689 V/m

Fast SAR: SAR(1 g) = 10.1 W/kg

Fast SAR(10 g) = 5.32 W/kg

Maximum value of SAR (interpolated) = 12.0 W/kg

d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 88.689 V/m

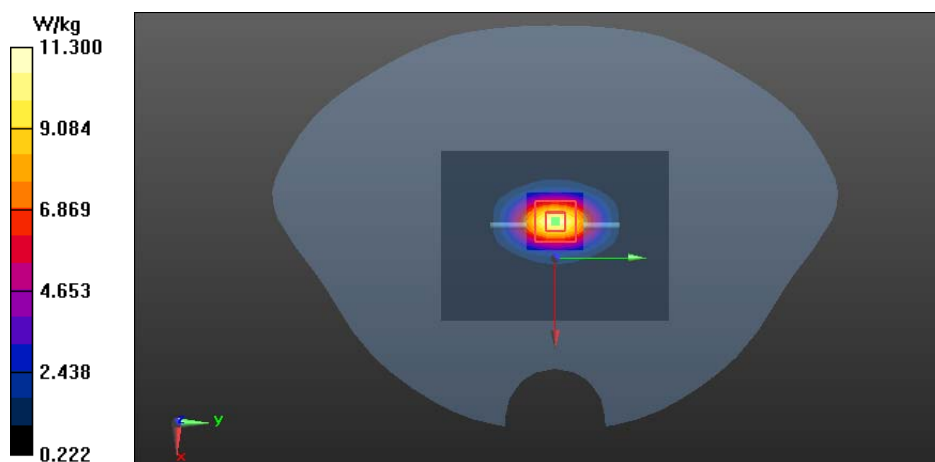
Peak SAR (extrapolated) = 18.6 W/kg

SAR(1 g) = 9.98 W/kg

SAR(10 g) = 5.19 W/kg

Power Drift = 0.02 dB

Maximum value of SAR (measured) = 11.3 W/kg



Plot6:

Date/Time: 2014-08-25 10:05:11 AM

Test Laboratory: TCC Microsoft

Type: D1900V2; Serial: 547

Communication System: CW1900

Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: Head 1900 SAR1; Medium Notes: Medium Temperature: $t=21.1$ C

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.448$ S/m; $\epsilon_r = 38.187$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3195
- ConvF(5.08, 5.08, 5.08); Calibrated: 2014-03-20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1324; Calibrated: 2014-03-12
- Phantom: SAR1 - SAM3; Type: Not Specified; Serial: Not Specified
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

d=10mm, Pin=250mW/Area Scan (61x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 88.733 V/m

Fast SAR: SAR(1 g) = 9.75 W/kg

Fast SAR(10 g) = 5.11 W/kg

Maximum value of SAR (interpolated) = 11.2 W/kg

d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 88.733 V/m

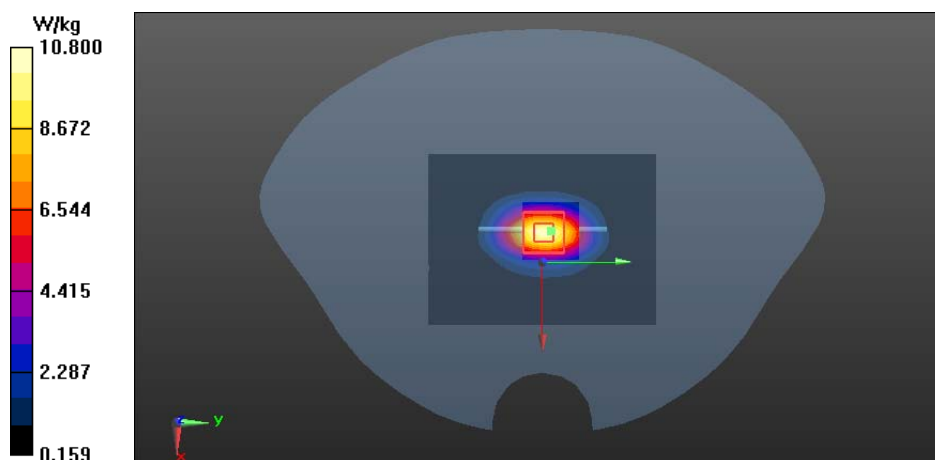
Peak SAR (extrapolated) = 18.0 W/kg

SAR(1 g) = 9.66 W/kg

SAR(10 g) = 4.99 W/kg

Power Drift = -0.13 dB

Maximum value of SAR (measured) = 10.8 W/kg



Plot7:

Date/Time: 2014-08-05 9:32:53 AM

Test Laboratory: TCC Microsoft

Type: D2450V2; Serial: D2450V2 - SN:760

Communication System: CW2450

Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: Head 2450 SAR2; Medium Notes: Medium Temperature: $t=21.1^{\circ}\text{C}$

Medium parameters used: $f = 2450 \text{ MHz}$; $\sigma = 1.828 \text{ S/m}$; $\epsilon_r = 38.425$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3823
- ConvF(6.85, 6.85, 6.85); Calibrated: 2013-09-19;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1319; Calibrated: 2013-09-18
- Phantom: SAR2 - SAM2; Type: Not Specified; Serial: Not Specified
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

d=10mm, Pin=250mW/Area Scan (61x81x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Reference Value = 87.288 V/m

Fast SAR: SAR(1 g) = 12.3 W/kg

Fast SAR(10 g) = 5.52 W/kg

Maximum value of SAR (interpolated) = 14.1 W/kg

d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 87.288 V/m

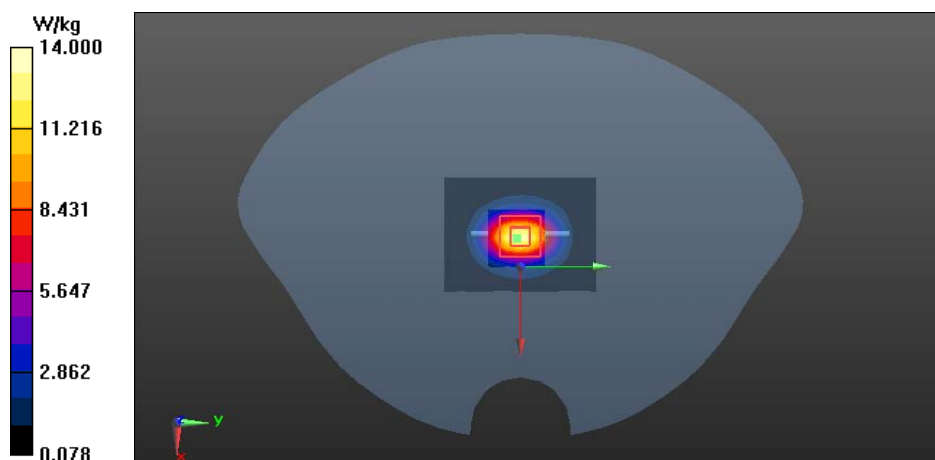
Peak SAR (extrapolated) = 25.6 W/kg

SAR(1 g) = 12.3 W/kg

SAR(10 g) = 5.69 W/kg

Power Drift = 0.01 dB

Maximum value of SAR (measured) = 14.0 W/kg



Plot8:

Date/Time: 2014-08-27 3:26:10 PM

Test Laboratory: TCC Microsoft

Type: D2600V2; Serial: D2600V2 - SN:1042

Communication System: CW2600

Frequency: 2600 MHz; Duty Cycle: 1:1

Medium: Head 2600 SAR4; Medium Notes: Medium Temperature: $t=21.8^{\circ}\text{C}$

Medium parameters used: $f = 2600 \text{ MHz}$; $\sigma = 2.003 \text{ S/m}$; $\epsilon_r = 37.957$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3280
- ConvF(4.35, 4.35, 4.35); Calibrated: 2014-03-20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn887; Calibrated: 2014-03-31
- Phantom: SAR4 - SAM3; Type: Not Specified; Serial: Not Specified
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

d=10mm, Pin=250mW/Area Scan (61x81x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Reference Value = 92.951 V/m

Fast SAR: SAR(1 g) = 15.4 W/kg

Fast SAR(10 g) = 6.95 W/kg

Maximum value of SAR (interpolated) = 18.2 W/kg

d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 92.951 V/m

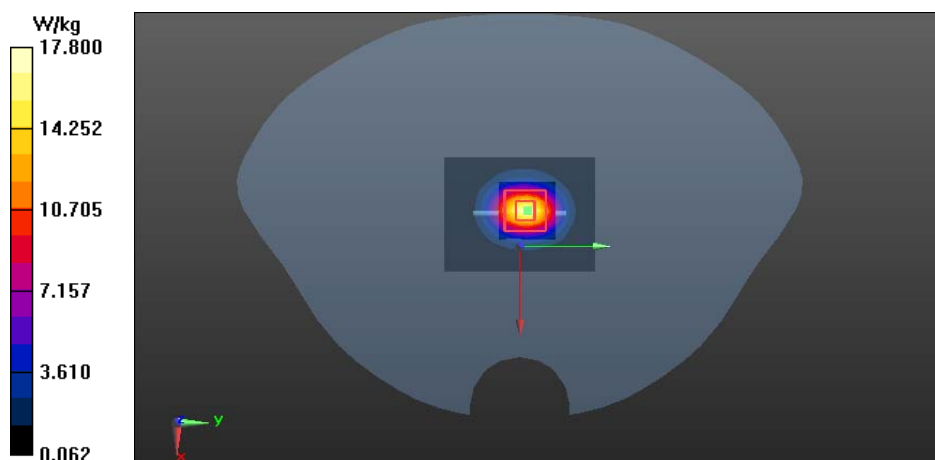
Peak SAR (extrapolated) = 34.8 W/kg

SAR(1 g) = 15.4 W/kg

SAR(10 g) = 6.75 W/kg

Power Drift = -0.02 dB

Maximum value of SAR (measured) = 17.8 W/kg



Plot9:

Date/Time: 2014-08-25 11:32:19 AM

Test Laboratory: TCC Microsoft

Type: D750V3; Serial: D750V3 - SN:1048

Communication System: CW750

Frequency: 750 MHz; Duty Cycle: 1:1

Medium: Body 750 SAR4; Medium Notes: Medium Temperature: $t=21.8^{\circ}\text{C}$

Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 1.003 \text{ S/m}$; $\epsilon_r = 55.54$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY Configuration:

- Probe: EX3DV4 - SN3836
- ConvF(8.86, 8.86, 8.86); Calibrated: 2014-03-21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn887; Calibrated: 2014-03-31
- Phantom: SAR4 - TFP; Type: Not Specified; Serial: Not Specified
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

d=15mm, Pin=250mW/Area Scan (81x61x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Reference Value = 50.359 V/m

Fast SAR: SAR(1 g) = 2.36 W/kg

Fast SAR(10 g) = 1.61 W/kg

Maximum value of SAR (interpolated) = 2.53 W/kg

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

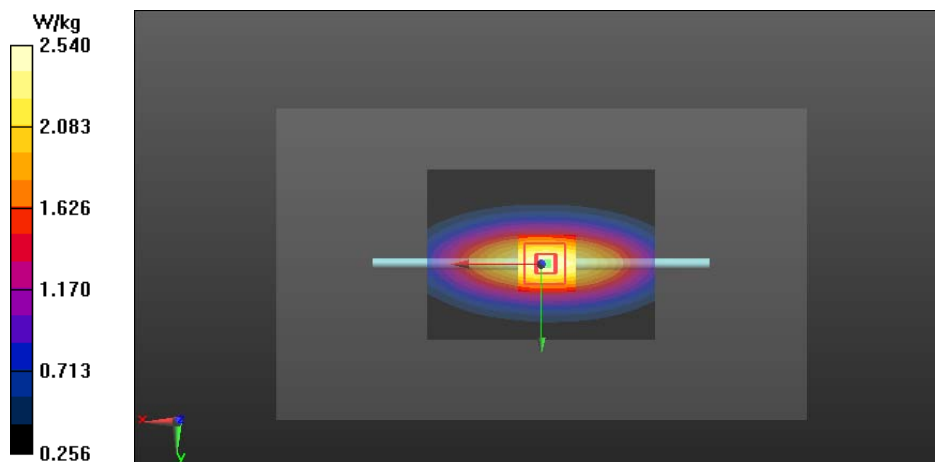
Reference Value = 50.359 V/m

Peak SAR (extrapolated) = 3.50 W/kg

SAR(1 g) = 2.36 W/kg

Maximum value of SAR (measured) = 2.54 W/kg

Power Drift = 0.01 dB



Plot10:

Date/Time: 2014-08-13 9:32:13 AM

Test Laboratory: TCC Microsoft

Type: D835V2; Serial: 4d005

Communication System: CW835

Frequency: 835 MHz; Duty Cycle: 1:1

Medium: Body 835 SAR1; Medium Notes: Medium Temperature: $t=21.1$

Medium parameters used: $f = 835$ MHz; $\sigma = 0.959$ S/m; $\epsilon_r = 53.459$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY Configuration:

- Probe: EX3DV4 - SN3839
- ConvF(8.72, 8.72, 8.72); Calibrated: 2013-09-20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn860; Calibrated: 2013-09-16
- Phantom: SAR1 - TFP; Type: Not Specified; Serial: Not Specified
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

d=15mm, Pin=250mW/Area Scan (81x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 52.870 V/m

Fast SAR: SAR(1 g) = 2.5 W/kg

Fast SAR(10 g) = 1.69 W/kg

Maximum value of SAR (interpolated) = 2.69 W/kg

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

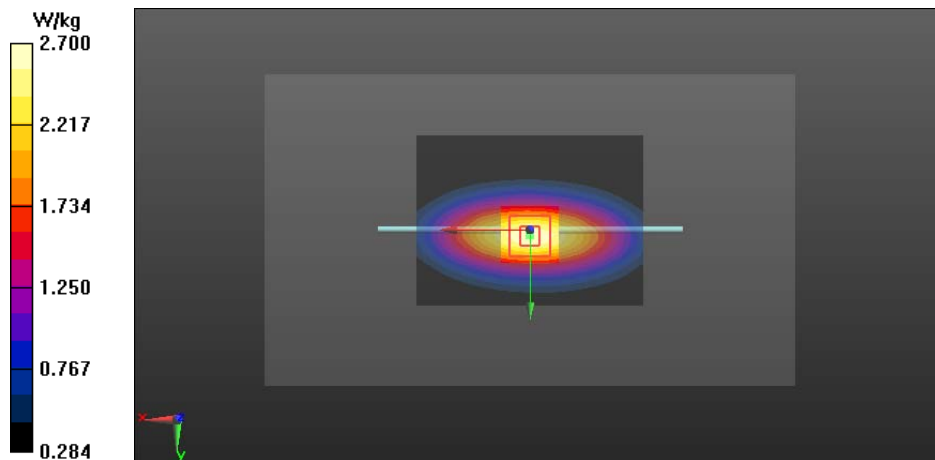
Reference Value = 52.870 V/m

Peak SAR (extrapolated) = 3.61 W/kg

SAR(1 g) = 2.51 W/kg

Maximum value of SAR (measured) = 2.70 W/kg

Power Drift = 0.01 dB



Plot11:

Date/Time: 2014-08-14 11:02:26 AM

Test Laboratory: TCC Microsoft

Type: D1750V2; Serial: D1750V2 - SN:1085

Communication System: CW1750

Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: Body 1750 SAR3; Medium Notes: Medium Temperature: $t=20.6\text{ C}$

Medium parameters used: $f = 1750\text{ MHz}$; $\sigma = 1.431\text{ S/m}$; $\epsilon_r = 52.911$; $\rho = 1000\text{ kg/m}^3$

Phantom section: Center Section

DASY Configuration:

- Probe: EX3DV4 - SN3838
- ConvF(7.37, 7.37, 7.37); Calibrated: 2014-03-21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn710; Calibrated: 2014-03-24
- Phantom: SAR3 - TFP; Type: Not Specified; Serial: Not Specified
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.8 (7028)

d=10mm, Pin=250mW/Area Scan (81x61x1): Interpolated grid: $dx=1.500\text{ mm}$, $dy=1.500\text{ mm}$

Reference Value = 83.577 V/m

Fast SAR: SAR(1 g) = 9.21 W/kg

Fast SAR(10 g) = 4.92 W/kg

Maximum value of SAR (interpolated) = 11.2 W/kg

d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

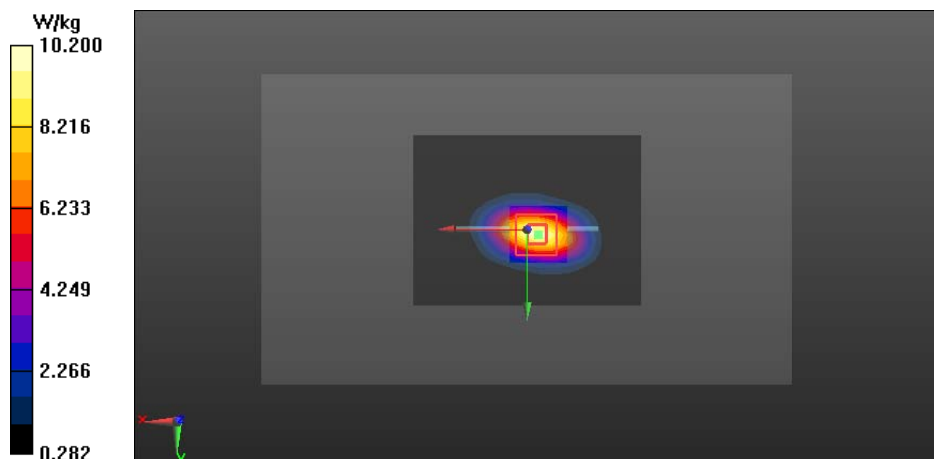
Reference Value = 83.577 V/m

Peak SAR (extrapolated) = 15.9 W/kg

SAR(1 g) = 9.06 W/kg

Maximum value of SAR (measured) = 10.2 W/kg

Power Drift = -0.10 dB



Plot12:

Date/Time: 2014-08-11 11:22:17 AM

Test Laboratory: TCC Microsoft

Type: D1900V2; Serial: 509

Communication System: CW1900

Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: Body 1900 SAR3; Medium Notes: Medium Temperature: $t=20.6$ C

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.518$ S/m; $\epsilon_r = 51.836$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY Configuration:

- Probe: EX3DV4 - SN3574
- ConvF(6.73, 6.73, 6.73); Calibrated: 2013-09-19;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2013-09-16
- Phantom: SAR3 - TFP; Type: Not Specified; Serial: Not Specified
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.8 (7028)

d=10mm, Pin=250mW/Area Scan (81x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 80.183 V/m

Fast SAR: SAR(1 g) = 9.59 W/kg

Fast SAR(10 g) = 4.96 W/kg

Maximum value of SAR (interpolated) = 11.7 W/kg

d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

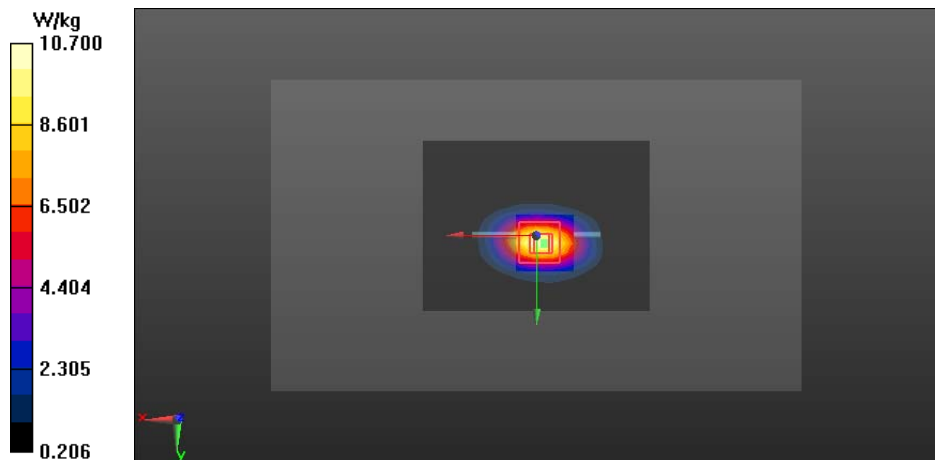
Reference Value = 80.183 V/m

Peak SAR (extrapolated) = 17.2 W/kg

SAR(1 g) = 9.49 W/kg

Maximum value of SAR (measured) = 10.7 W/kg

Power Drift = 0.05 dB



Plot13:

Date/Time: 2014-08-19 9:54:04 AM

Test Laboratory: TCC Microsoft

Type: D1900V2; Serial: 547

Communication System: CW1900

Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: Body 1900 SAR1; Medium Notes: Medium Temperature: $t=21.0^{\circ}\text{C}$

Medium parameters used: $f = 1900\text{ MHz}$; $\sigma = 1.512\text{ S/m}$; $\epsilon_r = 51.372$; $\rho = 1000\text{ kg/m}^3$

Phantom section: Center Section

DASY Configuration:

- Probe: ES3DV3 - SN3195
- ConvF(4.64, 4.64, 4.64); Calibrated: 2014-03-20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1324; Calibrated: 2014-03-12
- Phantom: SAR1 - TFP; Type: Not Specified; Serial: Not Specified
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

d=10mm, Pin=250mW/Area Scan (81x61x1): Interpolated grid: $dx=1.500\text{ mm}$, $dy=1.500\text{ mm}$

Reference Value = 85.180 V/m

Fast SAR: SAR(1 g) = 9.47 W/kg

Fast SAR(10 g) = 4.95 W/kg

Maximum value of SAR (interpolated) = 11.3 W/kg

d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

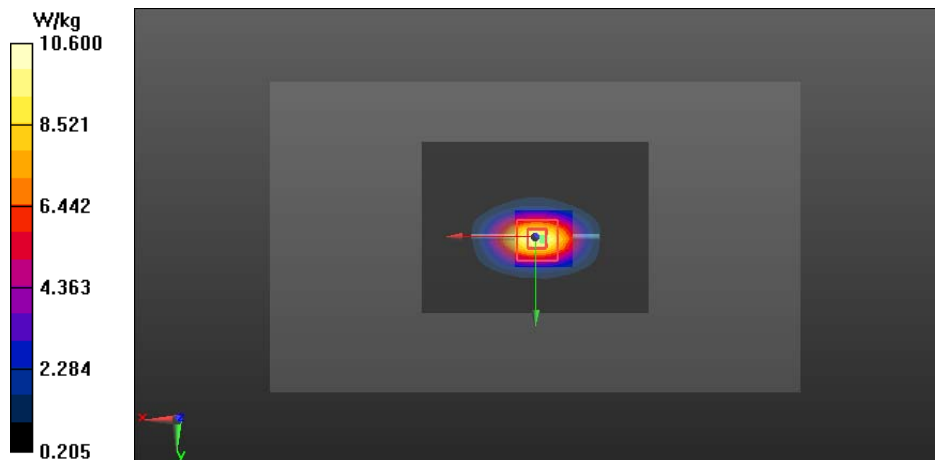
Reference Value = 85.180 V/m

Peak SAR (extrapolated) = 17.0 W/kg

SAR(1 g) = 9.44 W/kg

Maximum value of SAR (measured) = 10.6 W/kg

Power Drift = -0.00 dB



Plot14:

Date/Time: 2014-08-18 11:15:29 AM

Test Laboratory: TCC Microsoft

Type: D2450V2; Serial: D2450V2 - SN:883

Communication System: CW2450

Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: Body 2450 SAR4; Medium Notes: Medium Temperature: $t=21.4^{\circ}\text{C}$

Medium parameters used: $f = 2450 \text{ MHz}$; $\sigma = 1.948 \text{ S/m}$; $\epsilon_r = 52.531$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY Configuration:

- Probe: ES3DV3 - SN3280
- ConvF(4.2, 4.2, 4.2); Calibrated: 2014-03-20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn887; Calibrated: 2014-03-31
- Phantom: SAR4 - TFP; Type: Not Specified; Serial: Not Specified
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

d=10mm, Pin=250mW/Area Scan (81x61x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Reference Value = 91.399 V/m

Fast SAR: SAR(1 g) = 13.9 W/kg

Fast SAR(10 g) = 6.13 W/kg

Maximum value of SAR (interpolated) = 16.1 W/kg

d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

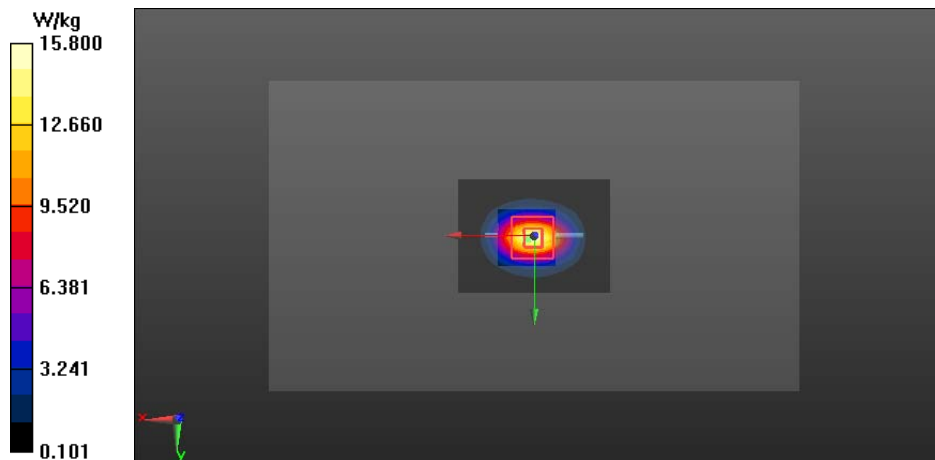
Reference Value = 91.399 V/m

Peak SAR (extrapolated) = 28.7 W/kg

SAR(1 g) = 13.9 W/kg

Maximum value of SAR (measured) = 15.8 W/kg

Power Drift = -0.07 dB



Plot15:

Date/Time: 2014-08-21 9:21:58 AM

Test Laboratory: TCC Microsoft

Type: D2600V2; Serial: D2600V2 - SN:1082

Communication System: CW2600

Frequency: 2600 MHz; Duty Cycle: 1:1

Medium: Body 2600 SAR4; Medium Notes: Medium Temperature: $t=21.7^{\circ}\text{C}$

Medium parameters used: $f = 2600 \text{ MHz}$; $\sigma = 2.181 \text{ S/m}$; $\epsilon_r = 50.784$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY Configuration:

- Probe: ES3DV3 - SN3280
- ConvF(3.99, 3.99, 3.99); Calibrated: 2014-03-20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn887; Calibrated: 2014-03-31
- Phantom: SAR4 - TFP; Type: Not Specified; Serial: Not Specified
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

d=10mm, Pin=250mW/Area Scan (81x61x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Reference Value = 90.677 V/m

Fast SAR: SAR(1 g) = 14.9 W/kg

Fast SAR(10 g) = 6.62 W/kg

Maximum value of SAR (interpolated) = 17.3 W/kg

d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 90.677 V/m

Peak SAR (extrapolated) = 32.6 W/kg

SAR(1 g) = 15.1 W/kg

Maximum value of SAR (measured) = 17.1 W/kg

Power Drift = -0.06 dB

