

Dipole Verification Plots

DUT: Dipole 750 MHz; Type: D750V3; Serial: 1100

Communication System: CW; Frequency: 750 MHz

Medium parameters used: $f = 750$ MHz; $\sigma = 0.933$ S/m; $\epsilon_r = 42.009$; $\rho = 1000$ kg/m³

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(10.5, 10.5, 10.5); Calibrated: 2015/12/14;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 2015/12/08

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

Measurement SW: DASY52, Version 52.8 (8)

Test date: 2016-9-5; Ambient Temp: 23.3; Tissue Temp: 23.6

750 MHz System Verification -Head-

Area Scan (5x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

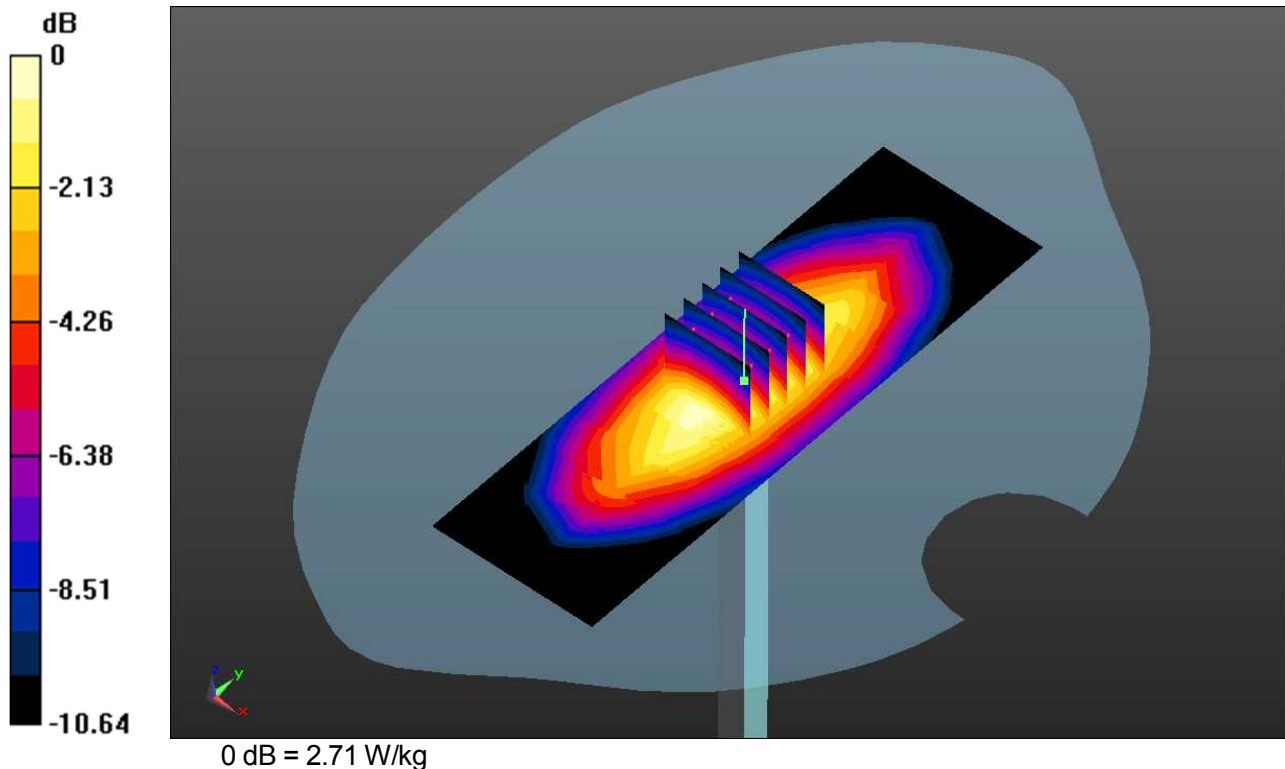
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 55.87 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.16 W/kg

SAR(1 g) = 2.15 W/kg; SAR(10 g) = 1.41 W/kg

Maximum value of SAR (measured) = 2.71 W/kg



DUT: Dipole 750 MHz; Type: D750V3; Serial: 1100

Communication System: CW; Frequency: 750 MHz

Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.933 \text{ S/m}$; $\epsilon_r = 42.009$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(10.5, 10.5, 10.5); Calibrated: 2015/12/14;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 2015/12/08

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

Measurement SW: DASY52, Version 52.8 (8)

Test date: 2016-9-5; Ambient Temp: 23.3; Tissue Temp: 23.6

750 MHz System Verification -Head-

Area Scan (5x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

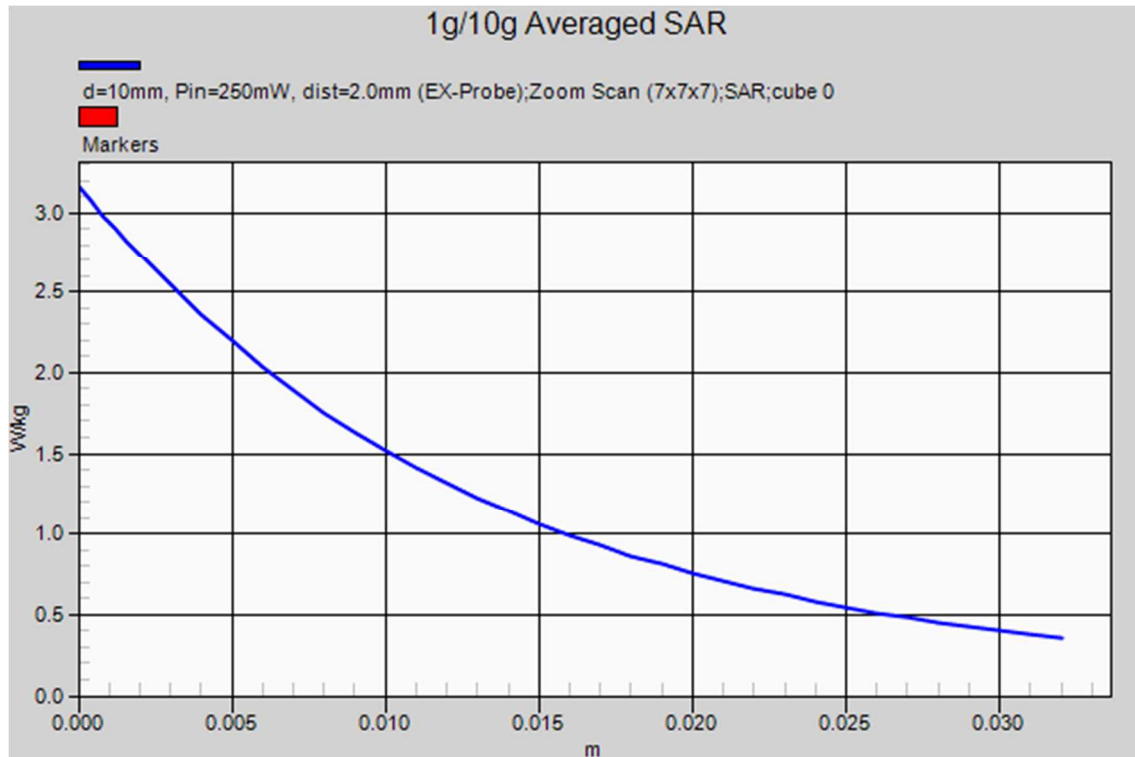
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 55.87 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.16 W/kg

SAR(1 g) = 2.15 W/kg; SAR(10 g) = 1.41 W/kg

Maximum value of SAR (measured) = 2.71 W/kg



DUT: Dipole 750 MHz; Type: D750V3; Serial: 1110

Communication System: CW; Frequency: 750 MHz

Medium parameters used: $f = 750$ MHz; $\sigma = 0.99$ S/m; $\epsilon_r = 55.01$; $\rho = 1000$ kg/m³

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(10.45, 10.45, 10.45); Calibrated: 2015/12/14;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 2015/12/08

Phantom: ELI v5.0 (20deg probe tilt) TP:1230; Type: QDOVA001BB; Serial: TP:1230

Measurement SW: DASY52, Version 52.8 (8)

Test date: 2016-9-5; Ambient Temp: 23.1; Tissue Temp: 23.4

750 MHz System Verification -Body-

Area Scan (5x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

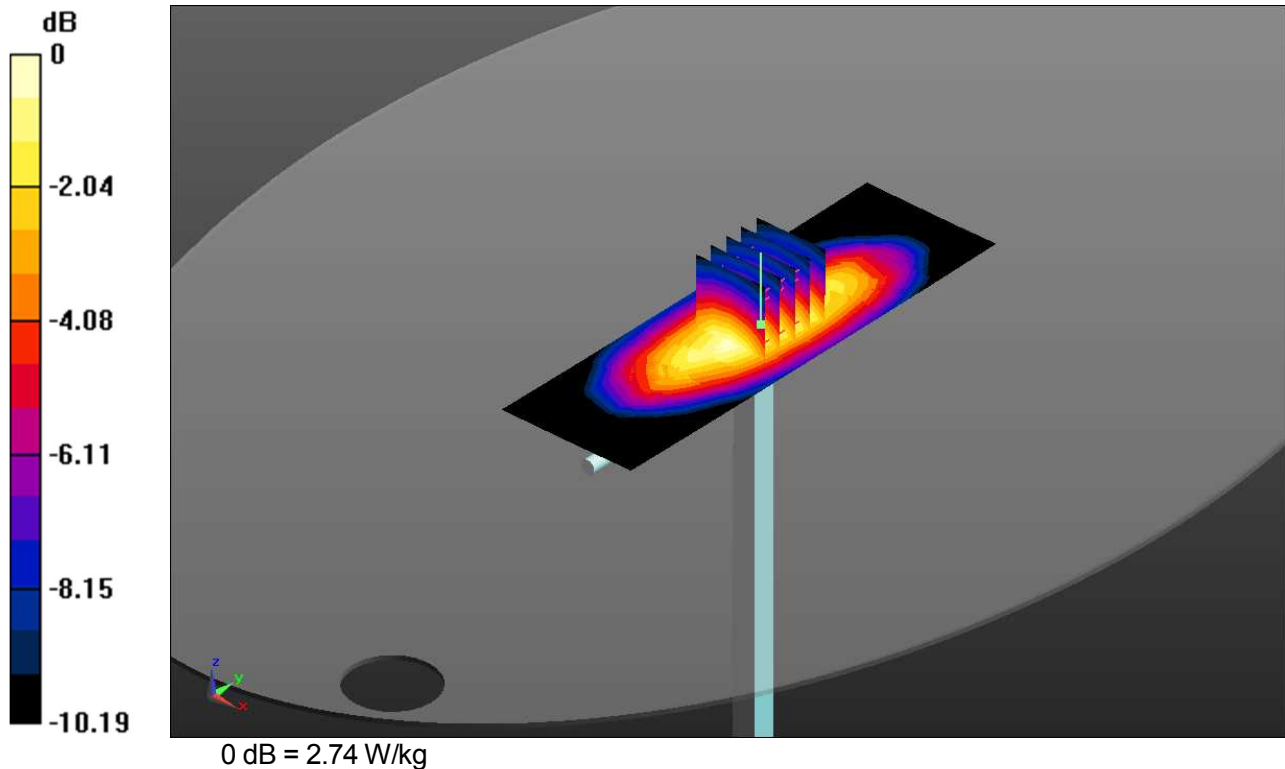
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 53.72 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 3.16 W/kg

SAR(1 g) = 2.19 W/kg; SAR(10 g) = 1.46 W/kg

Maximum value of SAR (measured) = 2.74 W/kg



DUT: Dipole 750 MHz; Type: D750V3; Serial: 1110

Communication System: CW; Frequency: 750 MHz

Medium parameters used: $f = 750$ MHz; $\sigma = 0.99$ S/m; $\epsilon_r = 55.01$; $\rho = 1000$ kg/m³

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(10.45, 10.45, 10.45); Calibrated: 2015/12/14;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 2015/12/08

Phantom: ELI v5.0 (20deg probe tilt) TP:1230; Type: QDOVA001BB; Serial: TP:1230

Measurement SW: DASY52, Version 52.8 (8)

Test date: 2016-9-5; Ambient Temp: 23.1; Tissue Temp: 23.4

750 MHz System Verification -Body-

Area Scan (5x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

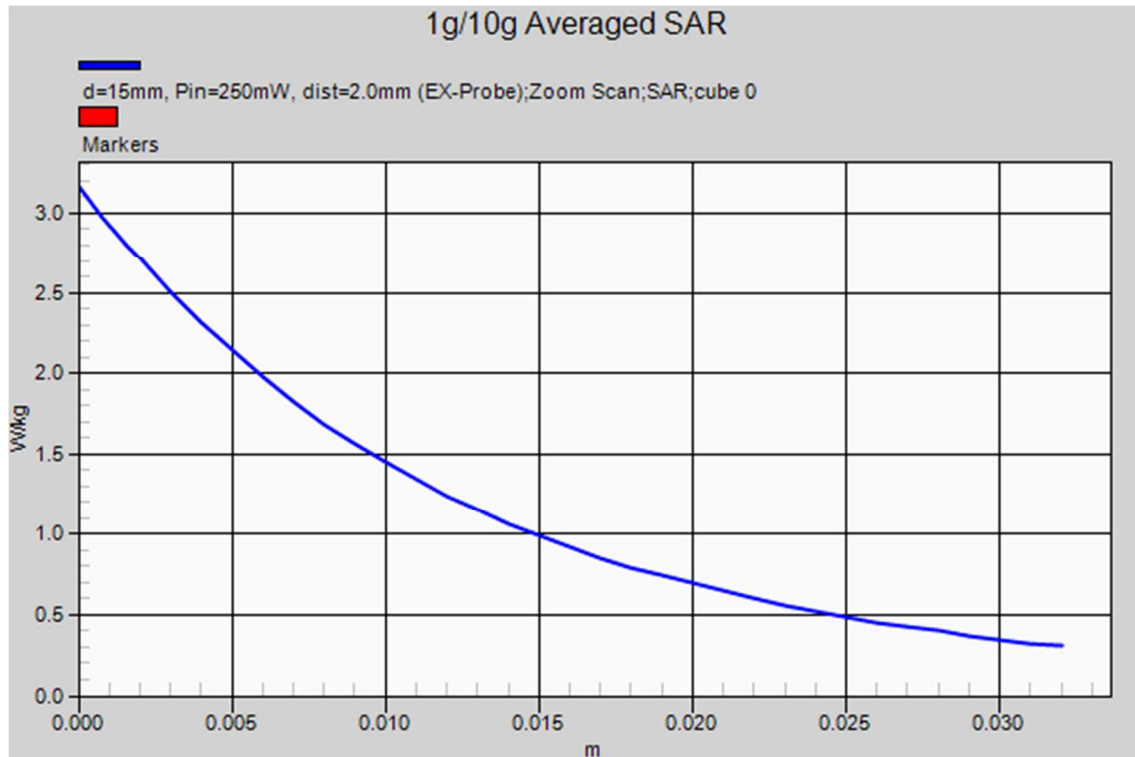
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 53.72 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 3.16 W/kg

SAR(1 g) = 2.19 W/kg; SAR(10 g) = 1.46 W/kg

Maximum value of SAR (measured) = 2.74 W/kg



DUT: Dipole 835 MHz; Type: D835V2; Serial: 4d163

Communication System: CW; Frequency: 835 MHz

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.917 \text{ S/m}$; $\epsilon_r = 41.98$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(10.14, 10.14, 10.14); Calibrated: 2015/12/14;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 2015/12/08

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

Measurement SW: DASY52, Version 52.8 (8)

Test date: 2016-9-9; Ambient Temp: 23.4; Tissue Temp: 23.3

835 MHz System Verification -Head-

Area Scan (5x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 2.91 W/kg

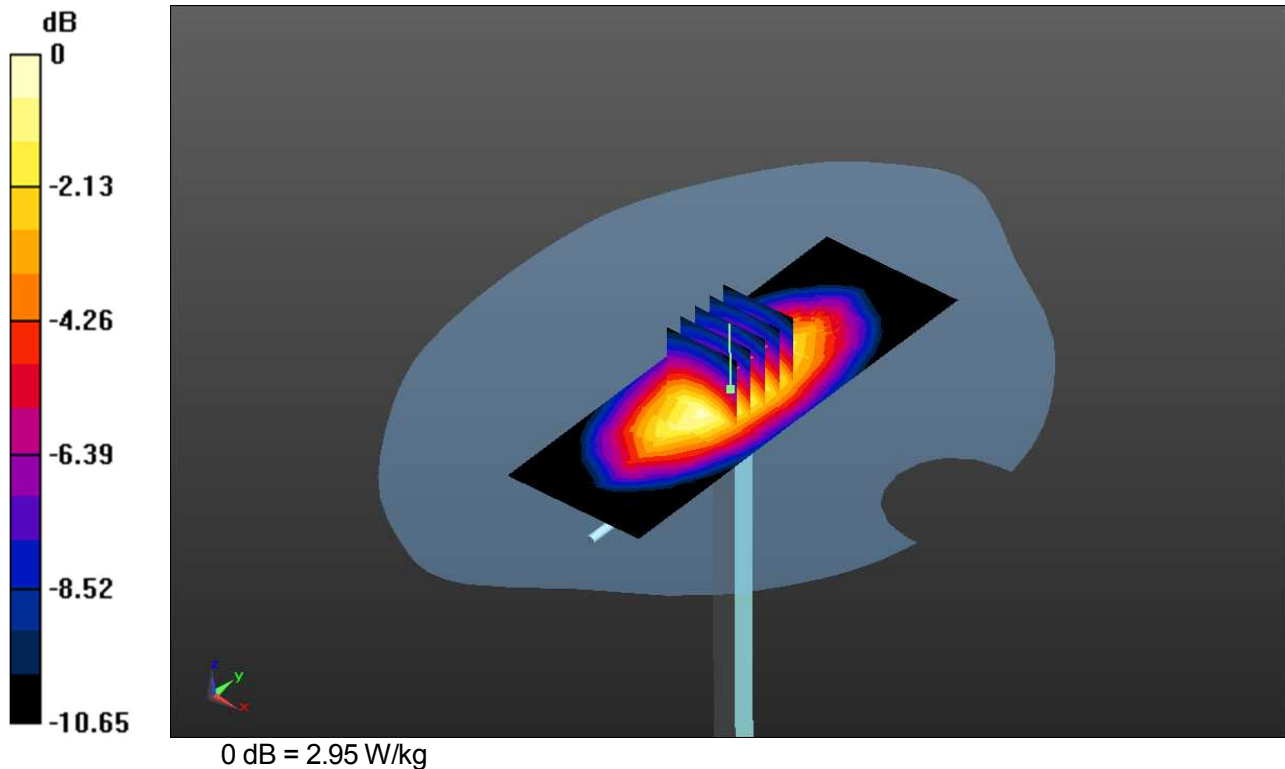
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 57.79 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 3.45 W/kg

SAR(1 g) = 2.33 W/kg; SAR(10 g) = 1.53 W/kg

Maximum value of SAR (measured) = 2.95 W/kg



DUT: Dipole 835 MHz; Type: D835V2; Serial: 4d163

Communication System: CW; Frequency: 835 MHz

Medium parameters used: $f = 835$ MHz; $\sigma = 0.917$ S/m; $\epsilon_r = 41.98$; $\rho = 1000$ kg/m³

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(10.14, 10.14, 10.14); Calibrated: 2015/12/14;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 2015/12/08

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

Measurement SW: DASY52, Version 52.8 (8)

Test date: 2016-9-9; Ambient Temp: 23.4; Tissue Temp: 23.3

835 MHz System Verification -Head-

Area Scan (5x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 2.91 W/kg

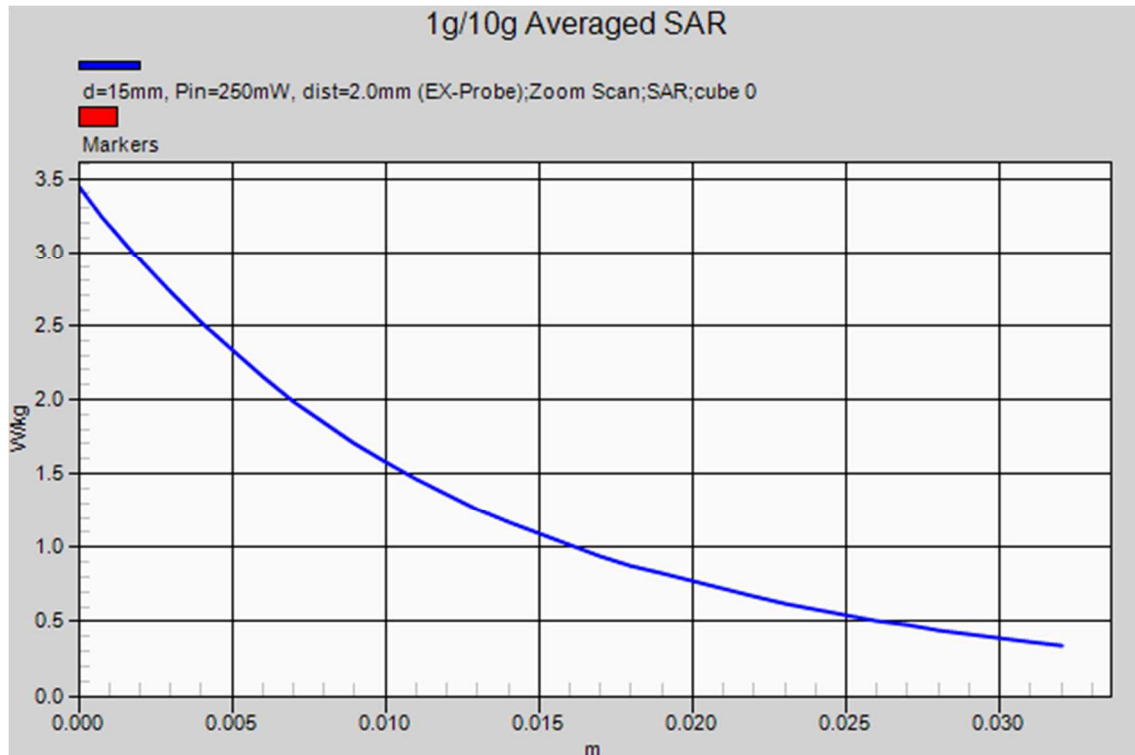
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 57.79 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 3.45 W/kg

SAR(1 g) = 2.33 W/kg; SAR(10 g) = 1.53 W/kg

Maximum value of SAR (measured) = 2.95 W/kg



DUT: Dipole 835 MHz; Type: D835V2; Serial: 4d163

Communication System: CW; Frequency: 835 MHz

Medium parameters used: $f = 835$ MHz; $\sigma = 0.907$ S/m; $\epsilon_r = 41.592$; $\rho = 1000$ kg/m³

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(10.14, 10.14, 10.14); Calibrated: 2015/12/14;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 2015/12/08

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

Measurement SW: DASY52, Version 52.8 (8)

Test date: 2016-9-12; Ambient Temp: 22.8; Tissue Temp: 23.0

835 MHz System Verification -Head-

Area Scan (5x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 2.90 W/kg

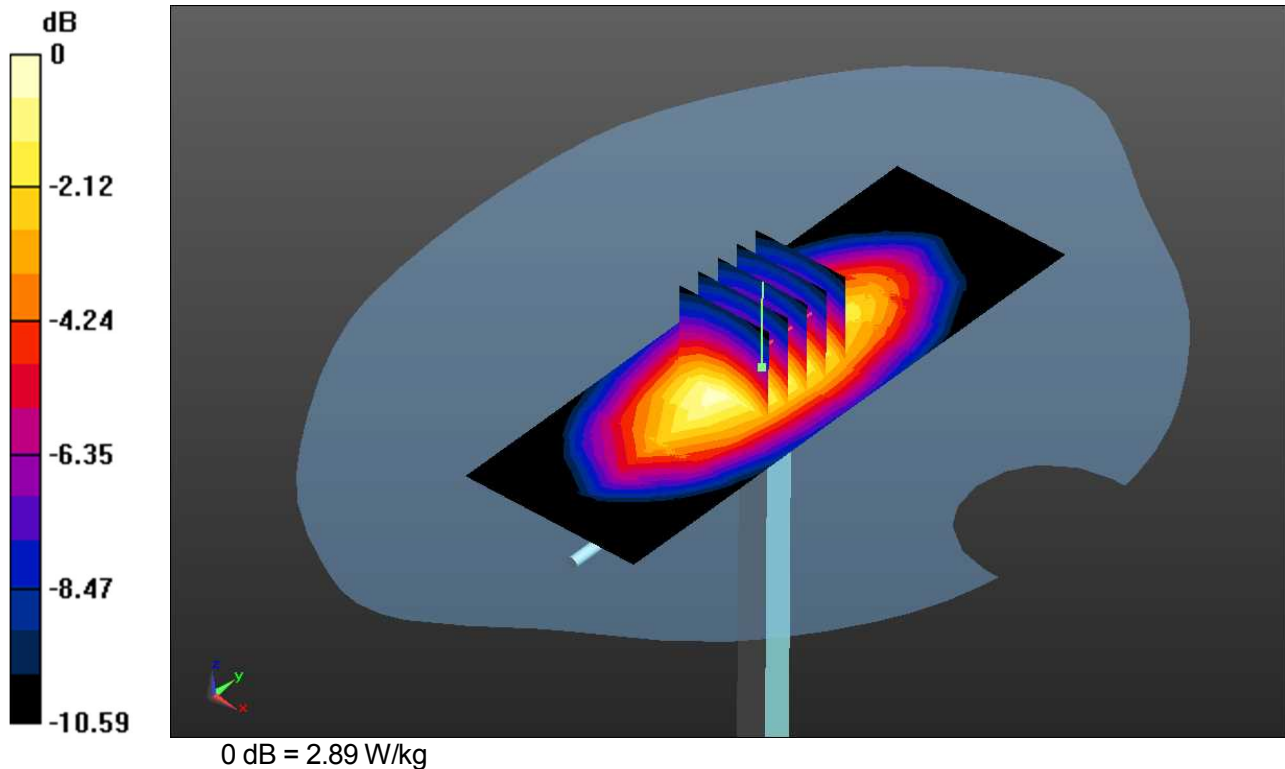
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 57.95 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 3.38 W/kg

SAR(1 g) = 2.28 W/kg; SAR(10 g) = 1.5 W/kg

Maximum value of SAR (measured) = 2.89 W/kg



DUT: Dipole 835 MHz; Type: D835V2; Serial: 4d163

Communication System: CW; Frequency: 835 MHz

Medium parameters used: $f = 835$ MHz; $\sigma = 0.907$ S/m; $\epsilon_r = 41.592$; $\rho = 1000$ kg/m³

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(10.14, 10.14, 10.14); Calibrated: 2015/12/14;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 2015/12/08

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

Measurement SW: DASY52, Version 52.8 (8)

Test date: 2016-9-12; Ambient Temp: 22.8; Tissue Temp: 23.0

835 MHz System Verification -Head-

Area Scan (5x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 2.90 W/kg

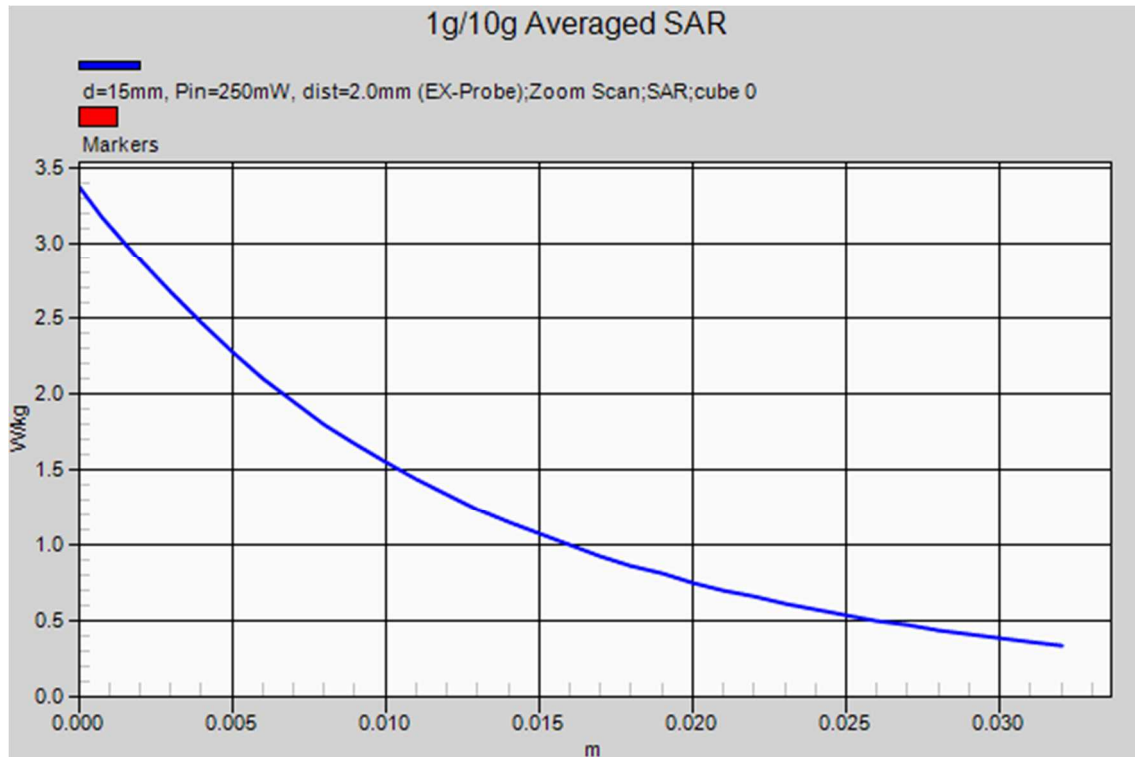
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 57.95 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 3.38 W/kg

SAR(1 g) = 2.28 W/kg; SAR(10 g) = 1.5 W/kg

Maximum value of SAR (measured) = 2.89 W/kg



DUT: Dipole 835 MHz; Type: D835V2; Serial: 4d163

Communication System: CW; Frequency: 835 MHz

Medium parameters used: $f = 835$ MHz; $\sigma = 1.005$ S/m; $\epsilon_r = 54.617$; $\rho = 1000$ kg/m³

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(10.11, 10.11, 10.11); Calibrated: 2015/12/14;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 2016/12/08

Phantom: ELI v5.0 (20deg probe tilt) TP:1230; Type: QDOVA001BB; Serial: TP:1230

Measurement SW: DASY52, Version 52.8 (8)

Test date: 2016-9-6; Ambient Temp: 23.2; Tissue Temp: 23.0

835 MHz System Verification -Body-

Area Scan (5x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 3.23 W/kg

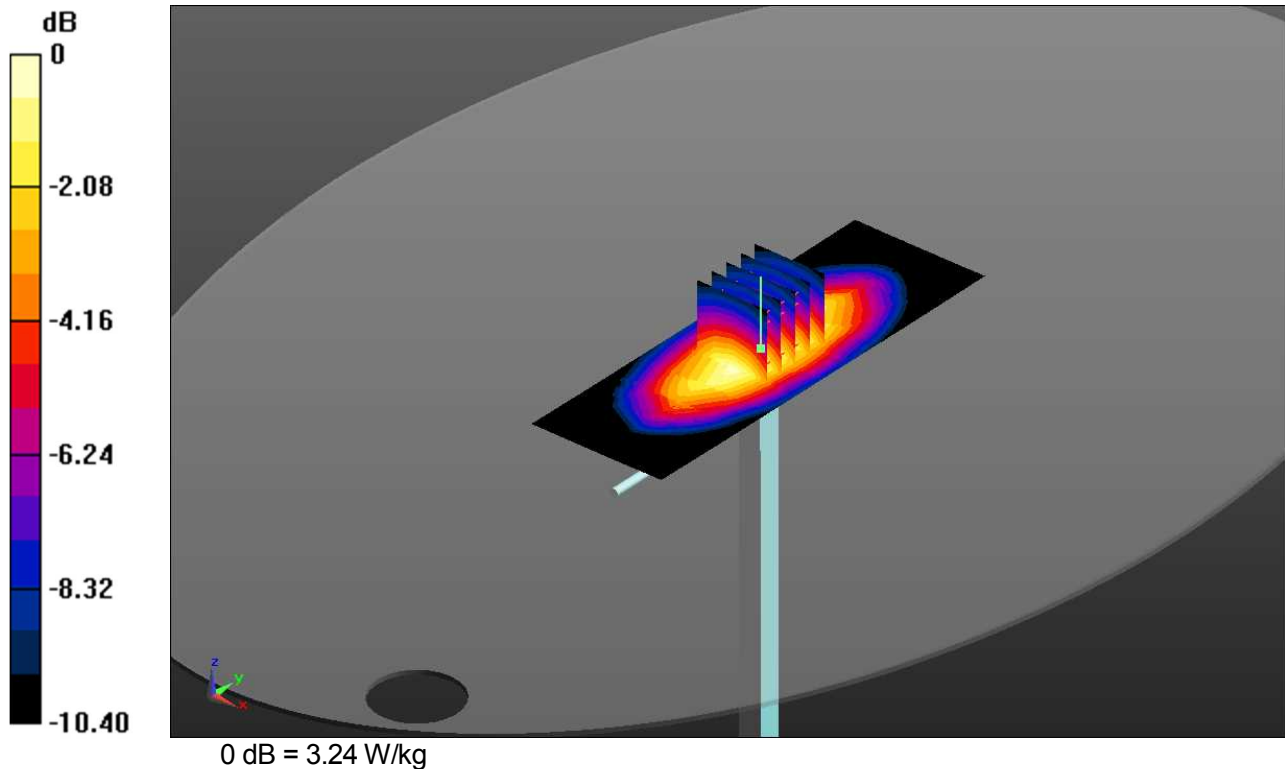
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 57.80 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 3.78 W/kg

SAR(1 g) = 2.57 W/kg; SAR(10 g) = 1.69 W/kg

Maximum value of SAR (measured) = 3.24 W/kg



DUT: Dipole 835 MHz; Type: D835V2; Serial: 4d163

Communication System: CW; Frequency: 835 MHz

Medium parameters used: $f = 835$ MHz; $\sigma = 1.005$ S/m; $\epsilon_r = 54.617$; $\rho = 1000$ kg/m³

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(10.11, 10.11, 10.11); Calibrated: 2015/12/14;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 2016/12/08

Phantom: ELI v5.0 (20deg probe tilt) TP:1230; Type: QDOVA001BB; Serial: TP:1230

Measurement SW: DASY52, Version 52.8 (8)

Test date: 2016-9-6; Ambient Temp: 23.2; Tissue Temp: 23.0

835 MHz System Verification -Body-

Area Scan (5x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 3.23 W/kg

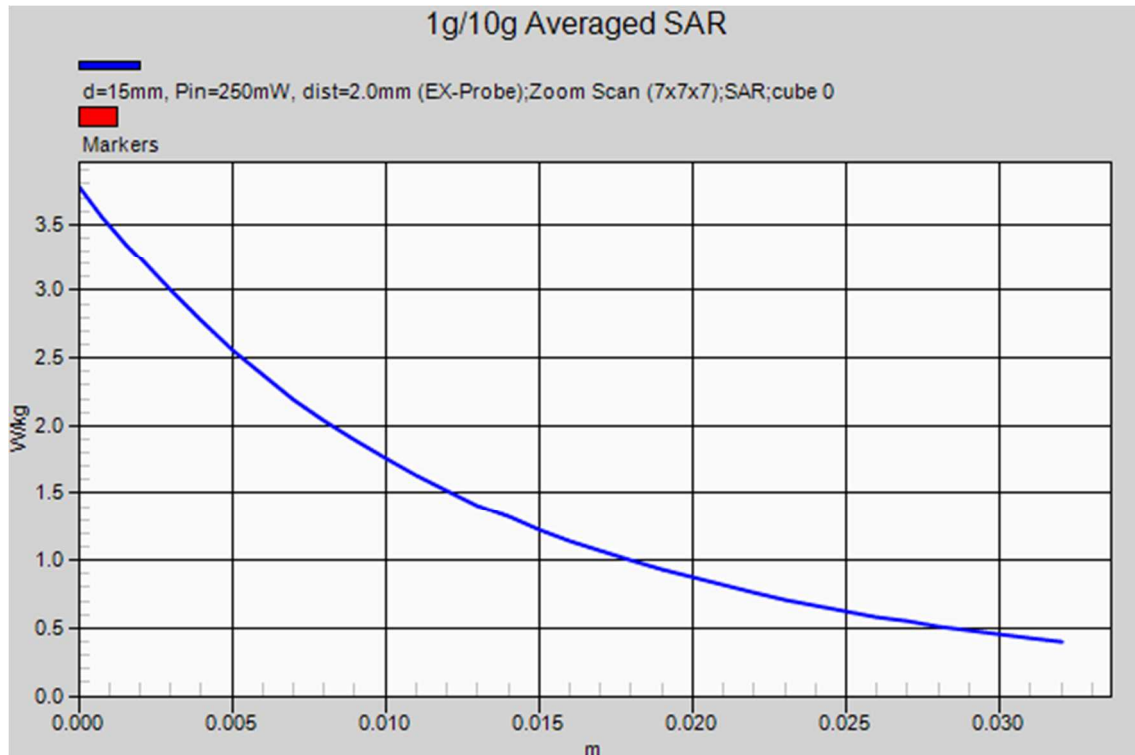
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 57.80 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 3.78 W/kg

SAR(1 g) = 2.57 W/kg; SAR(10 g) = 1.69 W/kg

Maximum value of SAR (measured) = 3.24 W/kg



DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 5d183

Communication System: CW; Frequency: 1900 MHz

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.392$ S/m; $\epsilon_r = 39.729$; $\rho = 1000$ kg/m³

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(8.46, 8.46, 8.46); Calibrated: 2015/12/14;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 2015/12/08

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

MEASUREMENT SW: DASY52, VERSION 52.8 (8);

Test date: 2016-9-8; Ambient Temp: 23.4; Tissue Temp: 23.0

1900 MHz System Verification -Head-

Area Scan (5x7x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 14.2 W/kg

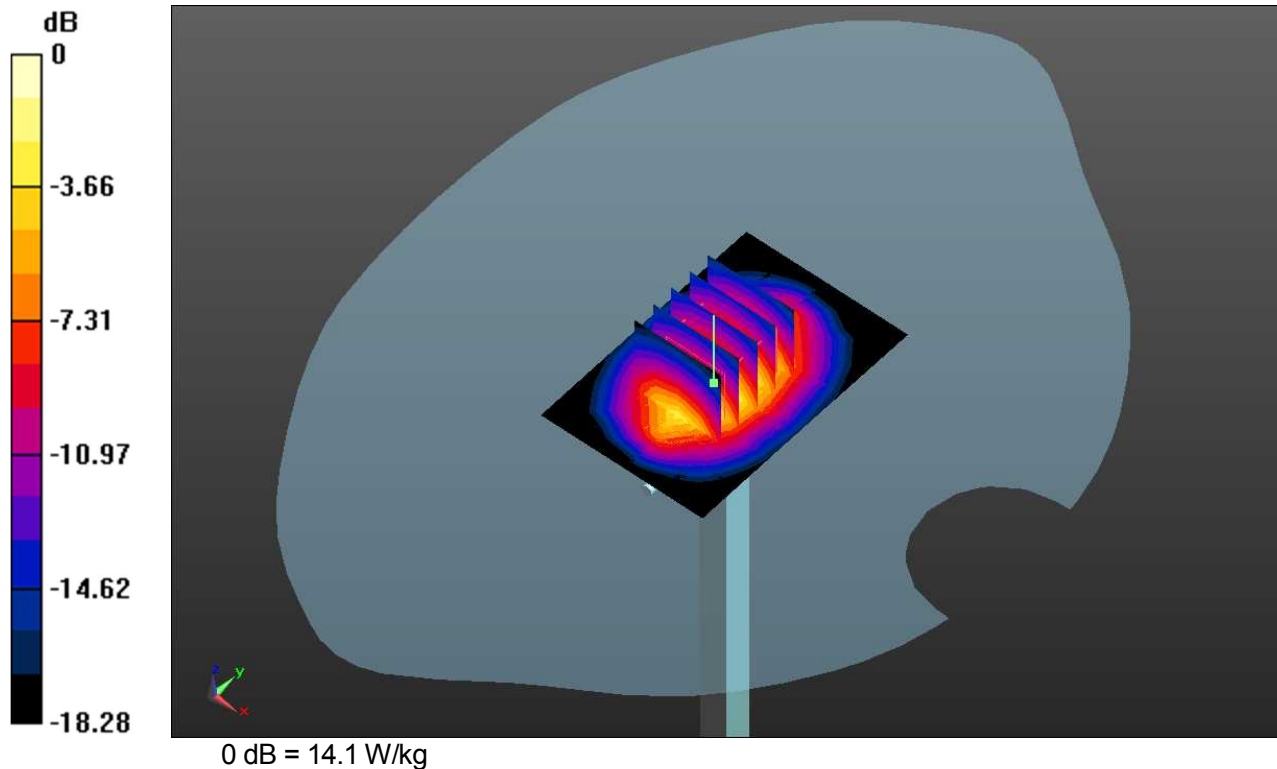
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 101.8 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 18.2 W/kg

SAR(1 g) = 9.95 W/kg; SAR(10 g) = 5.22 W/kg

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



DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 5d183

Communication System: CW; Frequency: 1900 MHz

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.392$ S/m; $\epsilon_r = 39.729$; $\rho = 1000$ kg/m³

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(8.46, 8.46, 8.46); Calibrated: 2015/12/14;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 2015/12/08

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

MEASUREMENT SW: DASY52, VERSION 52.8 (8);

Test date: 2016-9-8; Ambient Temp: 23.4; Tissue Temp: 23.0

1900 MHz System Verification -Head-

Area Scan (5x7x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 14.2 W/kg

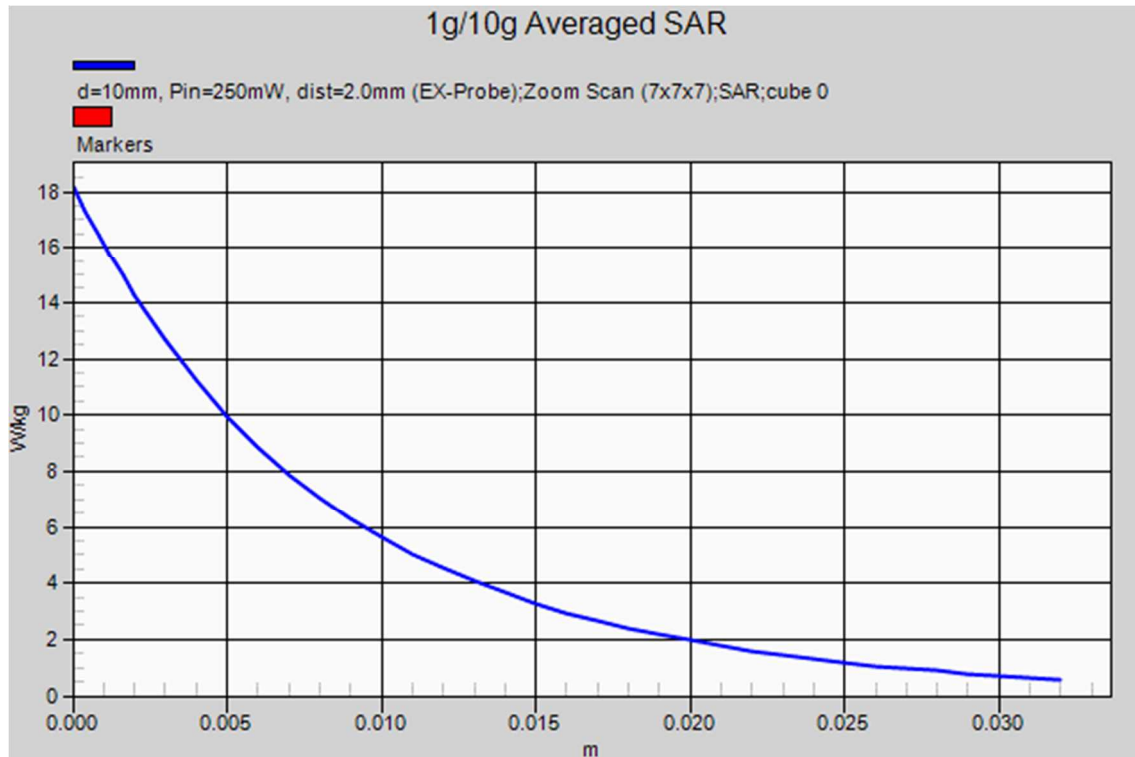
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 101.8 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 18.2 W/kg

SAR(1 g) = 9.95 W/kg; SAR(10 g) = 5.22 W/kg

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



DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 5d183

Communication System: CW; Frequency: 1900 MHz

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.528$ S/m; $\epsilon_r = 52.593$; $\rho = 1000$ kg/m³

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(8.1, 8.1, 8.1); Calibrated: 2015/12/14;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 2015/12/08

Phantom: ELI v5.0 (20deg probe tilt) TP;1230; Type: QDOVA001BB; Serial: TP:1230

MEASUREMENT SW: DASY52, VERSION 52.8 (8);

Test date: 2016-9-7; Ambient Temp: 23.0; Tissue Temp: 22.8

1900 MHz System Verification -Body-

Area Scan (5x7x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 13.7 W/kg

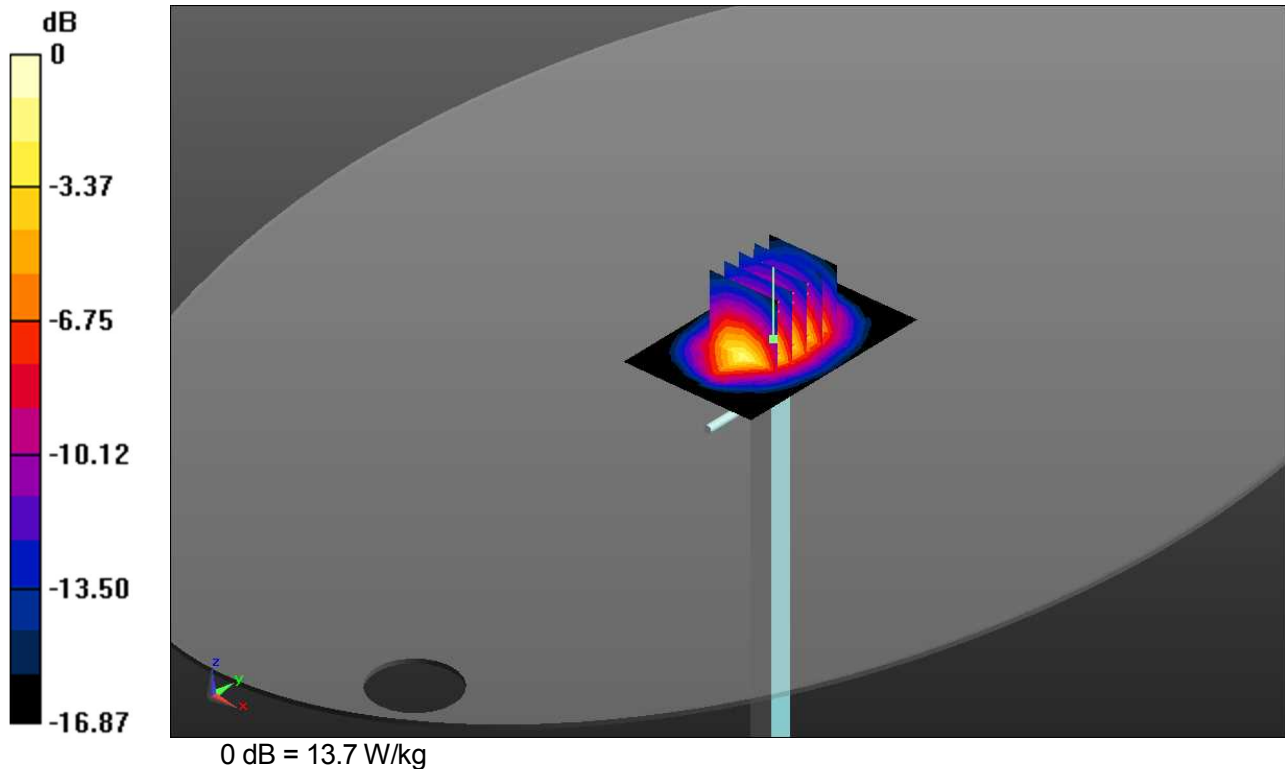
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 96.81 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 17.0 W/kg

SAR(1 g) = 9.76 W/kg; SAR(10 g) = 5.21 W/kg

Maximum value of SAR (measured) = 13.7 W/kg



DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 5d183

Communication System: CW; Frequency: 1900 MHz

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.528$ S/m; $\epsilon_r = 52.593$; $\rho = 1000$ kg/m³

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(8.1, 8.1, 8.1); Calibrated: 2015/12/14;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 2015/12/08

Phantom: ELI v5.0 (20deg probe tilt) TP;1230; Type: QDOVA001BB; Serial: TP:1230

MEASUREMENT SW: DASY52, VERSION 52.8 (8);

Test date: 2016-9-7; Ambient Temp: 23.0; Tissue Temp: 22.8

1900 MHz System Verification -Body-

Area Scan (5x7x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 13.7 W/kg

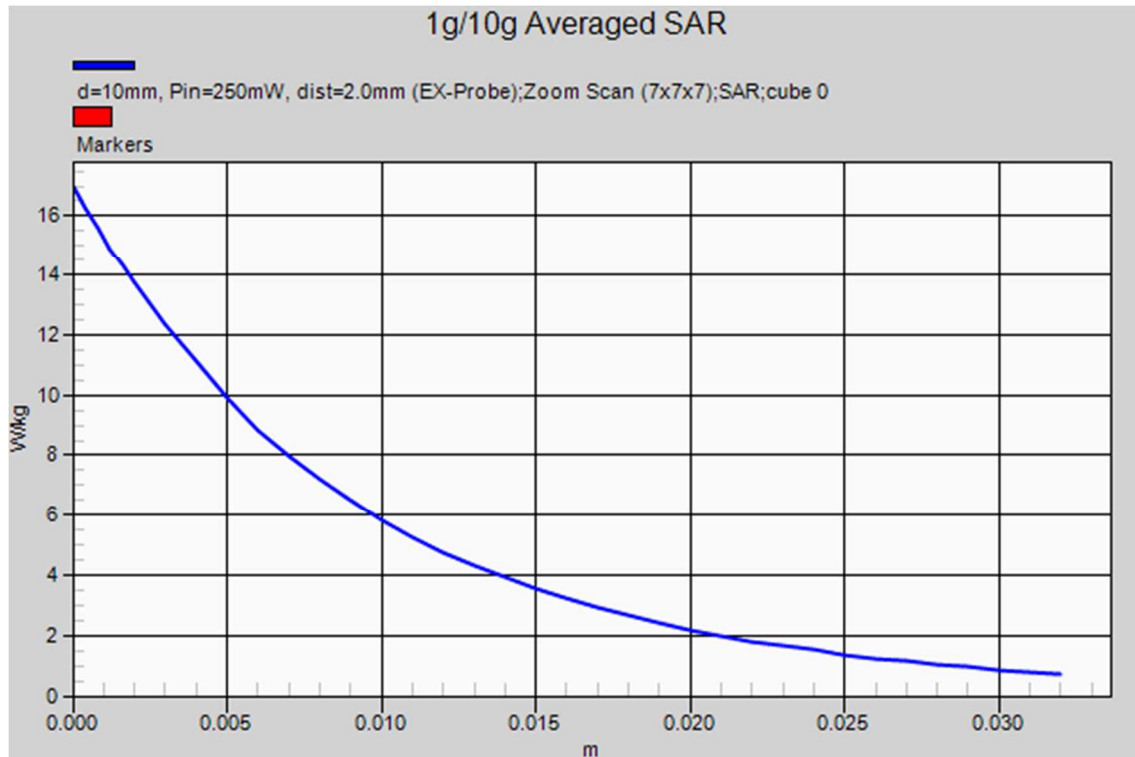
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 96.81 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 17.0 W/kg

SAR(1 g) = 9.76 W/kg; SAR(10 g) = 5.21 W/kg

Maximum value of SAR (measured) = 13.7 W/kg



DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 5d183

Communication System: CW; Frequency: 1900 MHz

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.506$ S/m; $\epsilon_r = 51.924$; $\rho = 1000$ kg/m³

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(8.1, 8.1, 8.1); Calibrated: 2015/12/14;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 2015/12/08

Phantom: ELI v5.0 (20deg probe tilt) TP;1230; Type: QDOVA001BB; Serial: TP:1230

MEASUREMENT SW: DASY52, VERSION 52.8 (8);

Test date: 2016-10-25; Ambient Temp: 21.9; Tissue Temp: 21.6

1900 MHz System Verification -Body-

Area Scan (5x7x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 13.6 W/kg

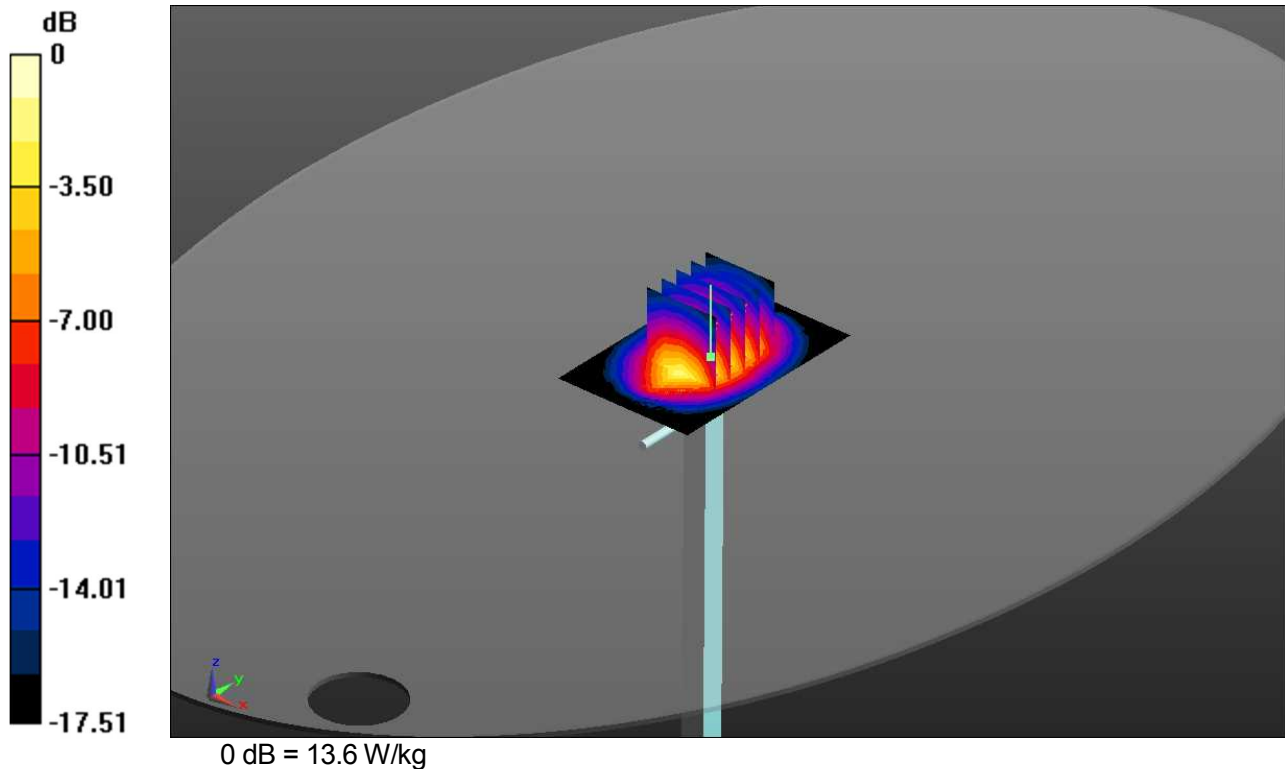
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 96.93 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 17.0 W/kg

SAR(1 g) = 9.61 W/kg; SAR(10 g) = 5.05 W/kg

Maximum value of SAR (measured) = 13.6 W/kg



DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 5d183

Communication System: CW; Frequency: 1900 MHz

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.506$ S/m; $\epsilon_r = 51.924$; $\rho = 1000$ kg/m³

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(8.1, 8.1, 8.1); Calibrated: 2015/12/14;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 2015/12/08

Phantom: ELI v5.0 (20deg probe tilt) TP;1230; Type: QDOVA001BB; Serial: TP:1230

MEASUREMENT SW: DASY52, VERSION 52.8 (8);

Test date: 2016-10-25; Ambient Temp: 21.9; Tissue Temp: 21.6

1900 MHz System Verification -Body-

Area Scan (5x7x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 13.6 W/kg

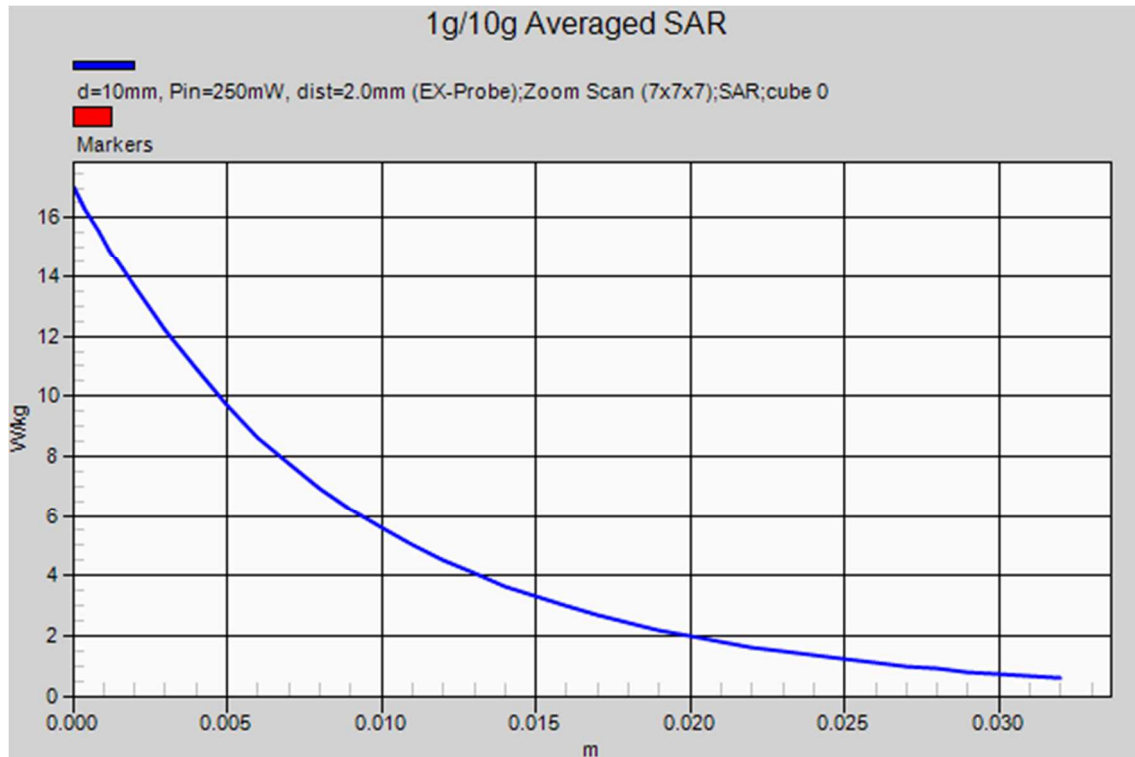
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 96.93 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 17.0 W/kg

SAR(1 g) = 9.61 W/kg; SAR(10 g) = 5.05 W/kg

Maximum value of SAR (measured) = 13.6 W/kg



DUT: Dipole 2450 MHz; Type: D2450V2; Serial: 925

Communication System: CW; Frequency: 2450 MHz

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.852$ S/m; $\epsilon_r = 37.964$; $\rho = 1000$ kg/m³

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(7.56, 7.56, 7.56); Calibrated: 2015/12/14;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 2015/12/08

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

MEASUREMENT SW: DASY52, VERSION 52.8 (8);

Test date: 2016-8-31; Ambient Temp: 23.6; Tissue Temp: 23.8

2450 MHz System Verification -Head-

Area Scan (7x9x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 20.0 W/kg

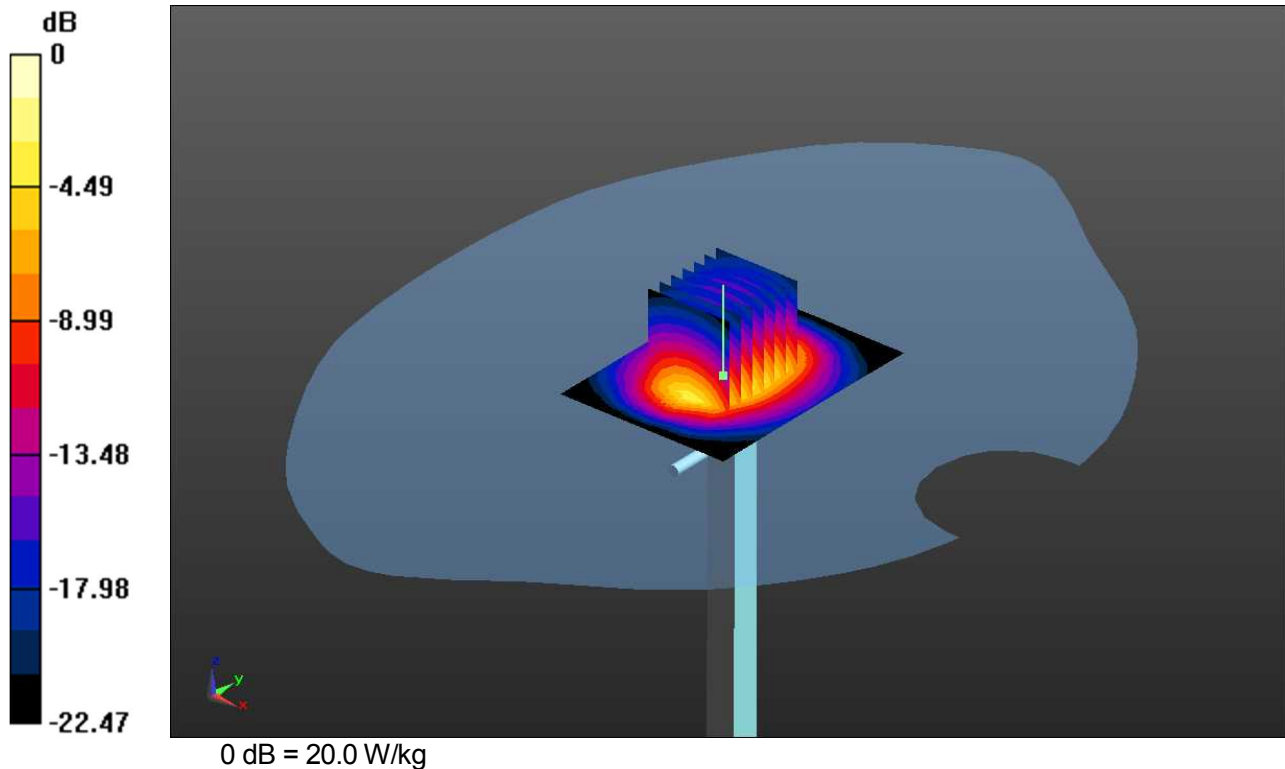
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 105.7 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 27.2 W/kg

SAR(1 g) = 13.2 W/kg; SAR(10 g) = 6.13 W/kg

Maximum value of SAR (measured) = 20.0 W/kg



DUT: Dipole 2450 MHz; Type: D2450V2; Serial: 925

Communication System: CW; Frequency: 2450 MHz

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.852$ S/m; $\epsilon_r = 37.964$; $\rho = 1000$ kg/m³

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(7.56, 7.56, 7.56); Calibrated: 2015/12/14;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 2015/12/08

Phantom: SAM v5.0 TP:1799; Type: QD000P40CD; Serial: TP:1799

MEASUREMENT SW: DASY52, VERSION 52.8 (8);

Test date: 2016-8-31; Ambient Temp: 23.6; Tissue Temp: 23.8

2450 MHz System Verification -Head-

Area Scan (7x9x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 20.0 W/kg

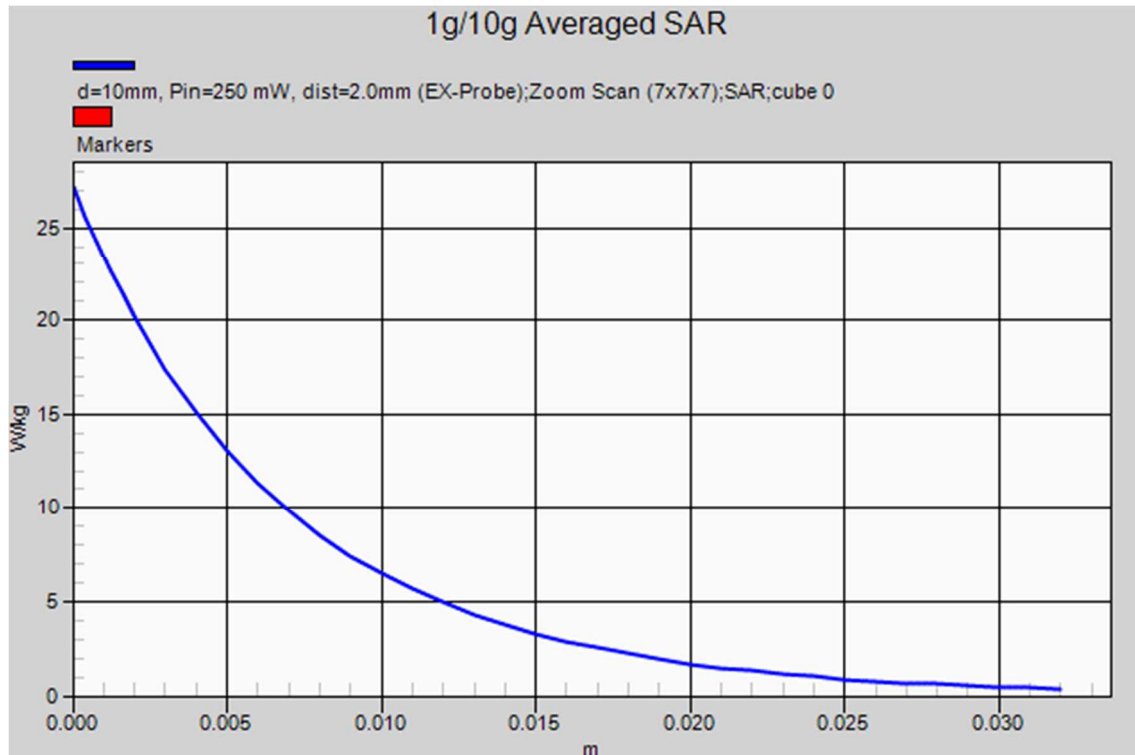
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 105.7 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 27.2 W/kg

SAR(1 g) = 13.2 W/kg; SAR(10 g) = 6.13 W/kg

Maximum value of SAR (measured) = 20.0 W/kg



DUT: Dipole 2450 MHz; Type: D2450V2; Serial: 925

Communication System: CW; Frequency: 2450 MHz

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.951$ S/m; $\epsilon_r = 51.137$; $\rho = 1000$ kg/m³

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(7.67, 7.67, 7.67); Calibrated: 2015/12/14;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 2015/12/08

Phantom: ELI v5.0 (20deg probe tilt) TP;1230; Type: QDOVA001BB; Serial: TP:1230

MEASUREMENT SW: DASY52, VERSION 52.8 (8);

Test date: 2016-8-31; Ambient Temp: 23.5; Tissue Temp: 23.3

2450 MHz System Verification -Body-

Area Scan (7x10x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 18.3 W/kg

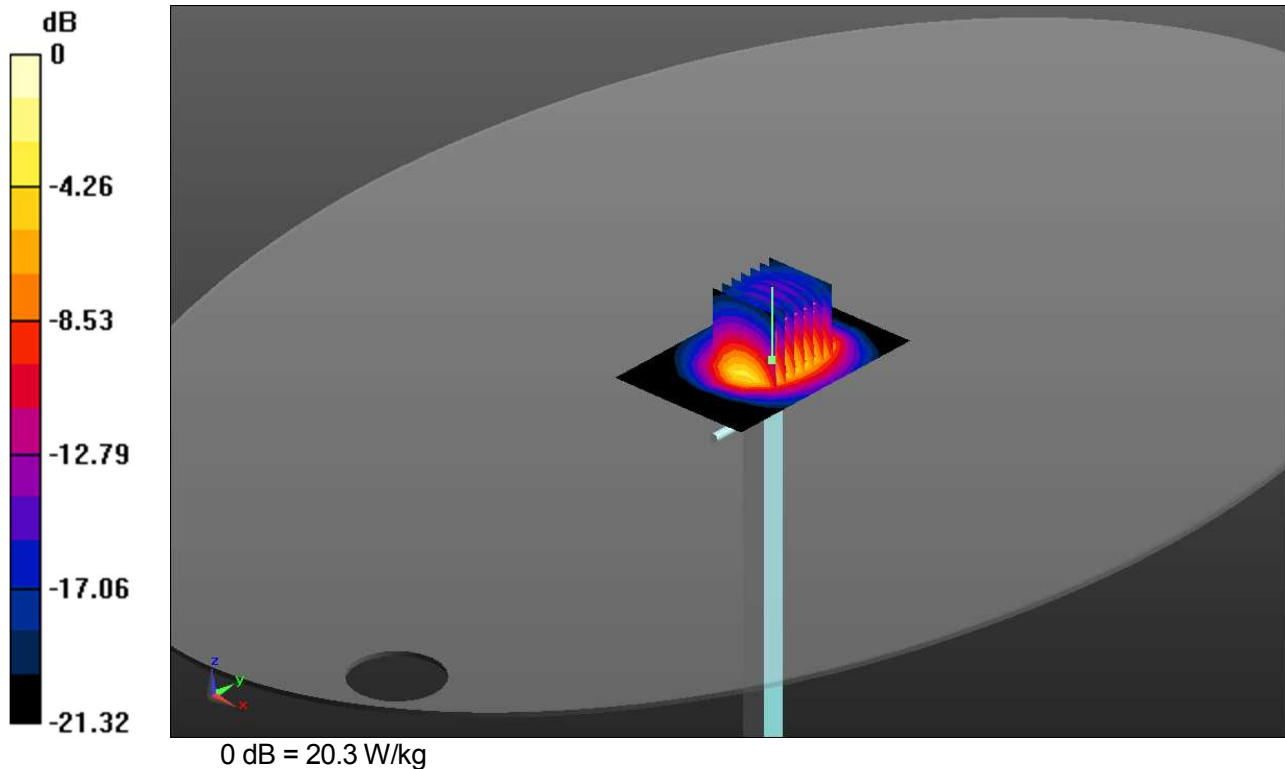
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 98.14 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 27.0 W/kg

SAR(1 g) = 13.5 W/kg; SAR(10 g) = 6.37 W/kg

Maximum value of SAR (measured) = 20.3 W/kg



DUT: Dipole 2450 MHz; Type: D2450V2; Serial: 925

Communication System: CW; Frequency: 2450 MHz

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.951$ S/m; $\epsilon_r = 51.137$; $\rho = 1000$ kg/m³

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(7.67, 7.67, 7.67); Calibrated: 2015/12/14;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$

Electronics: DAE4 Sn1409; Calibrated: 2015/12/08

Phantom: ELI v5.0 (20deg probe tilt) TP;1230; Type: QDOVA001BB; Serial: TP:1230

MEASUREMENT SW: DASY52, VERSION 52.8 (8);

Test date: 2016-8-31; Ambient Temp: 23.5; Tissue Temp: 23.3

2450 MHz System Verification -Body-

Area Scan (7x10x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 18.3 W/kg

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

Reference Value = 98.14 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 27.0 W/kg

SAR(1 g) = 13.5 W/kg; SAR(10 g) = 6.37 W/kg

Maximum value of SAR (measured) = 20.3 W/kg

