

Dipole Verification Plots

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

Communication System: CW; Frequency: 750 MHz

Medium parameters used: $f = 750$ MHz; $\sigma = 0.917$ S/m; $\epsilon_r = 42.356$; $\rho = 1000$ kg/m³

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(10.45, 10.45, 10.45); Calibrated: 2014/12/16;

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

Electronics: DAE4 Sn1409; Calibrated: 2014/12/11

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

Measurement SW: DASY52, Version 52.8 (8)

Test date: 2015-4-28; Ambient Temp: 23.2; Tissue Temp: 22.7

750 MHz System Verification -Head-

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

Maximum value of SAR (measured) = 2.58 W/kg

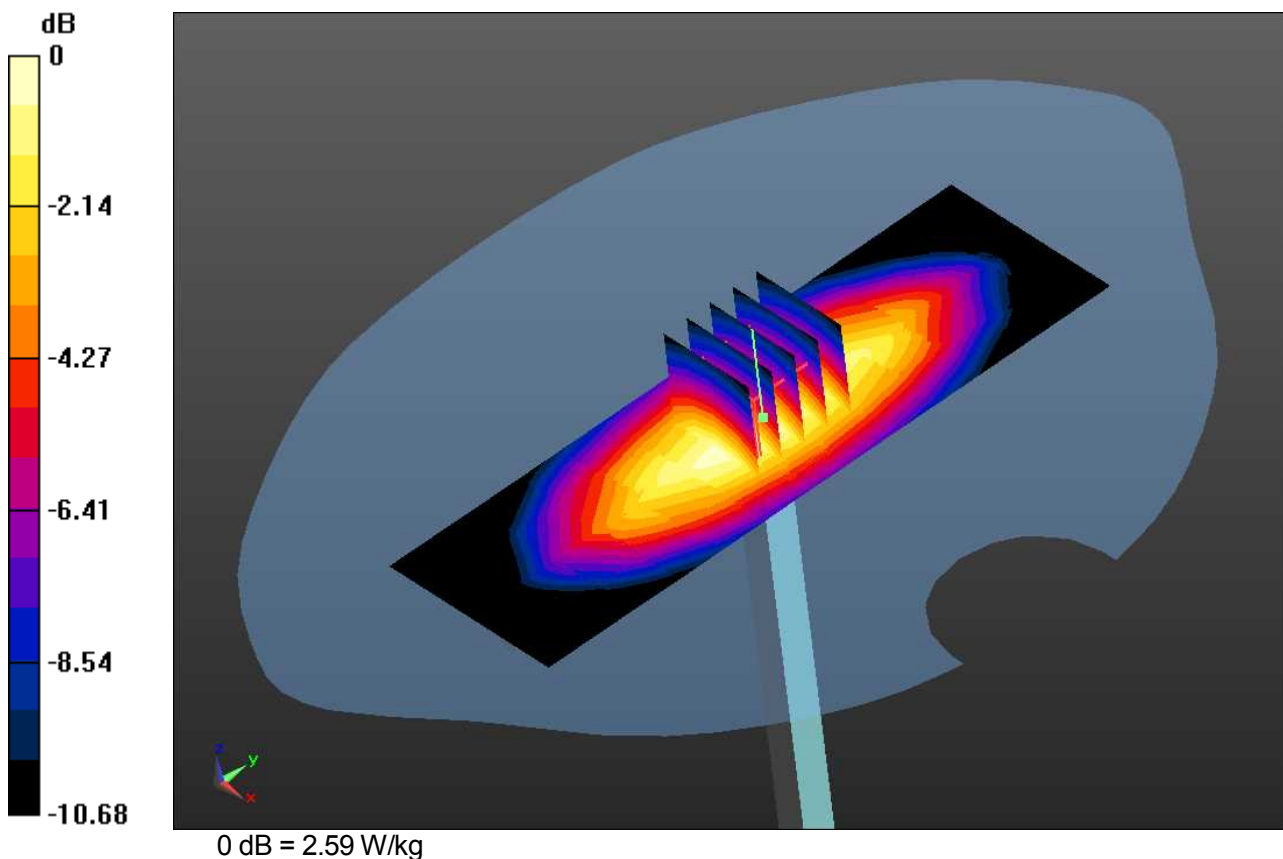
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 54.27 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.13 W/kg

SAR(1 g) = 2.03 W/kg; SAR(10 g) = 1.33 W/kg

Maximum value of SAR (measured) = 2.59 W/kg



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

Communication System: CW; Frequency: 750 MHz

Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.917 \text{ S/m}$; $\epsilon_r = 42.356$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(10.45, 10.45, 10.45); Calibrated: 2014/12/16;

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

Electronics: DAE4 Sn1409; Calibrated: 2014/12/11

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

Measurement SW: DASY52, Version 52.8 (8)

Test date: 2015-4-28; Ambient Temp: 23.2; Tissue Temp: 22.7

750 MHz System Verification -Head-

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

Maximum value of SAR (measured) = 2.58 W/kg

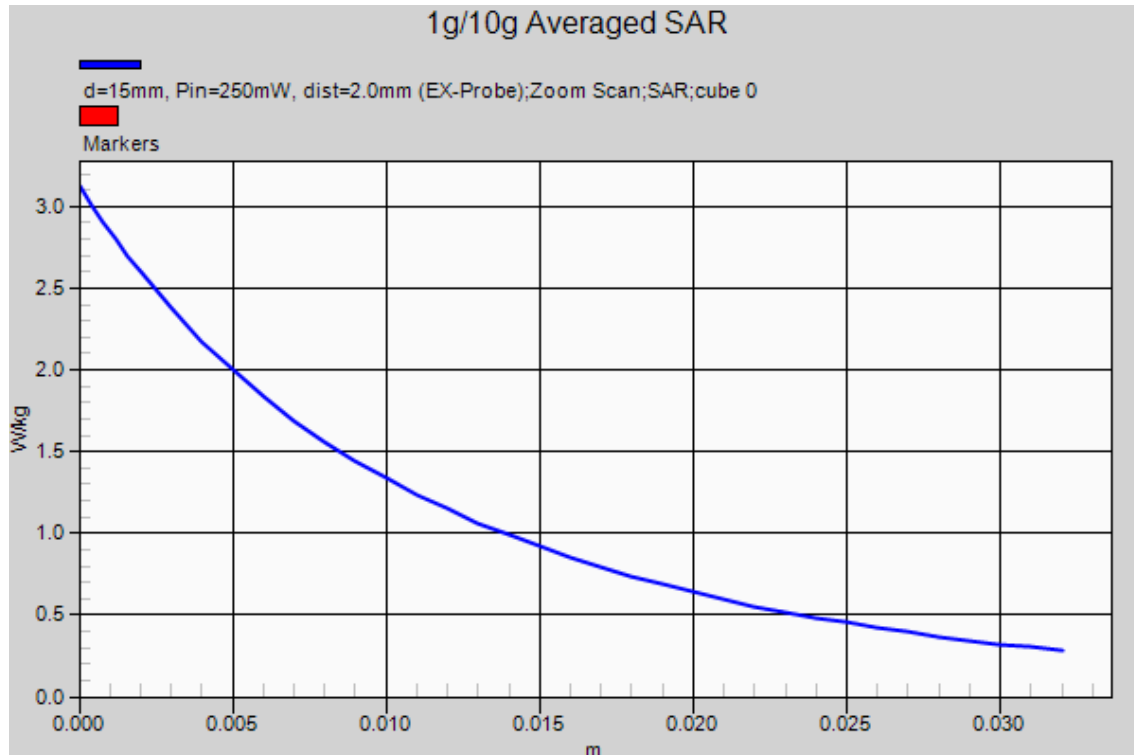
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 54.27 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.13 W/kg

SAR(1 g) = 2.03 W/kg; SAR(10 g) = 1.33 W/kg

Maximum value of SAR (measured) = 2.59 W/kg



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

Communication System: CW; Frequency: 750 MHz

Medium parameters used: $f = 750$ MHz; $\sigma = 0.985$ S/m; $\epsilon_r = 54.518$; $\rho = 1000$ kg/m³

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(10.25, 10.25, 10.25); Calibrated: 2014/12/16;

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

Electronics: DAE4 Sn1409; Calibrated: 2014/12/11

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

Measurement SW: DASY52, Version 52.8 (8)

Test date: 2015-4-29; Ambient Temp: 22.8; Tissue Temp: 22.2

750 MHz System Verification -Body-

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

Maximum value of SAR (measured) = 2.68 W/kg

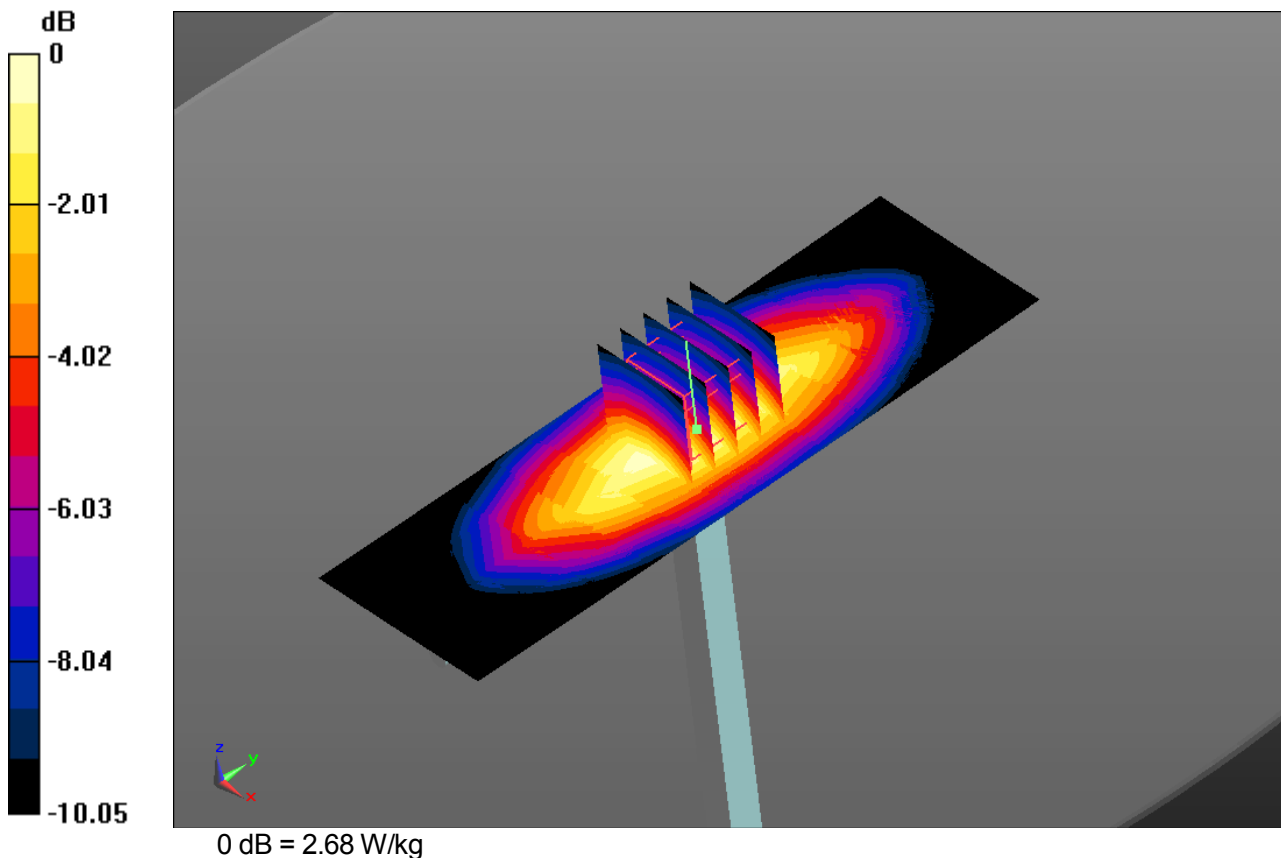
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 53.67 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 3.14 W/kg

SAR(1 g) = 2.13 W/kg; SAR(10 g) = 1.42 W/kg

Maximum value of SAR (measured) = 2.68 W/kg



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

Communication System: CW; Frequency: 750 MHz

Medium parameters used: $f = 750$ MHz; $\sigma = 0.985$ S/m; $\epsilon_r = 54.518$; $\rho = 1000$ kg/m³

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(10.25, 10.25, 10.25); Calibrated: 2014/12/16;

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

Electronics: DAE4 Sn1409; Calibrated: 2014/12/11

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

Measurement SW: DASY52, Version 52.8 (8)

Test date: 2015-4-29; Ambient Temp: 22.8; Tissue Temp: 22.2

750 MHz System Verification -Body-

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

Maximum value of SAR (measured) = 2.68 W/kg

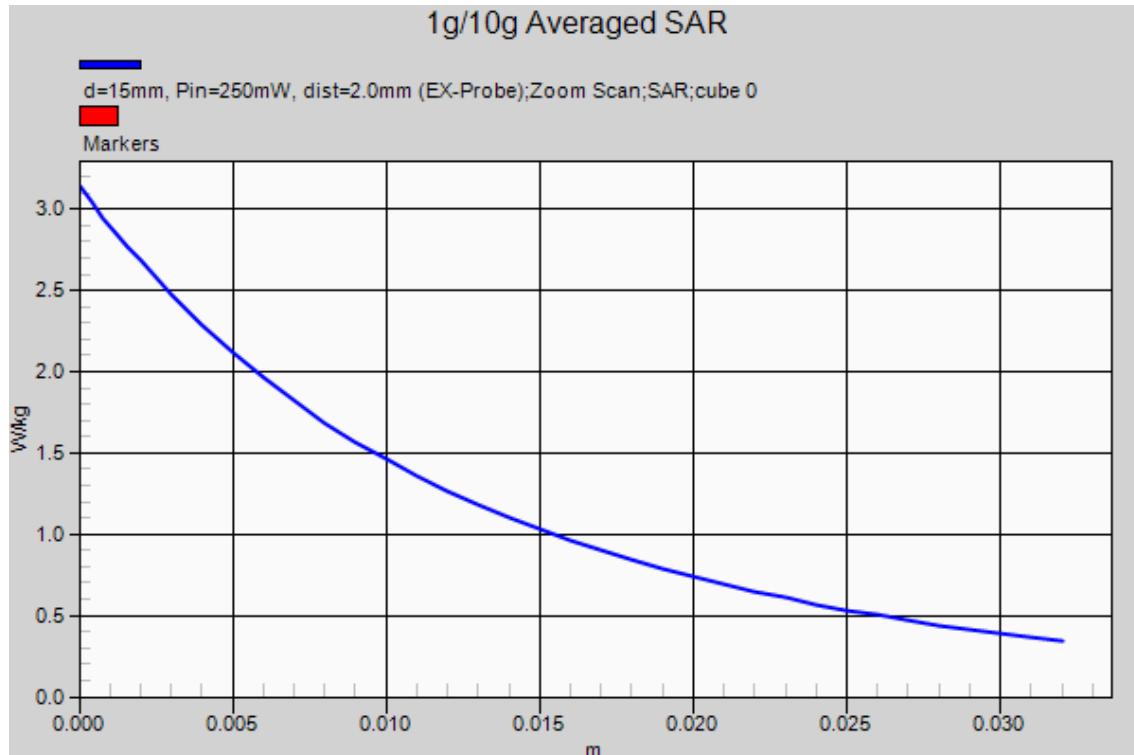
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 53.67 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 3.14 W/kg

SAR(1 g) = 2.13 W/kg; SAR(10 g) = 1.42 W/kg

Maximum value of SAR (measured) = 2.68 W/kg



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

Communication System: CW; Frequency: 835 MHz

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.901 \text{ S/m}$; $\epsilon_r = 41.791$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(9.97, 9.97, 9.97); Calibrated: 2014/12/16;

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

Electronics: DAE4 Sn1409; Calibrated: 2014/12/11

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

Measurement SW: DASY52, Version 52.8 (8)

Test date: 2015-4-27; Ambient Temp: 21.1; Tissue Temp: 20.8

835 MHz System Verification -Head-

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

Maximum value of SAR (measured) = 3.09 W/kg

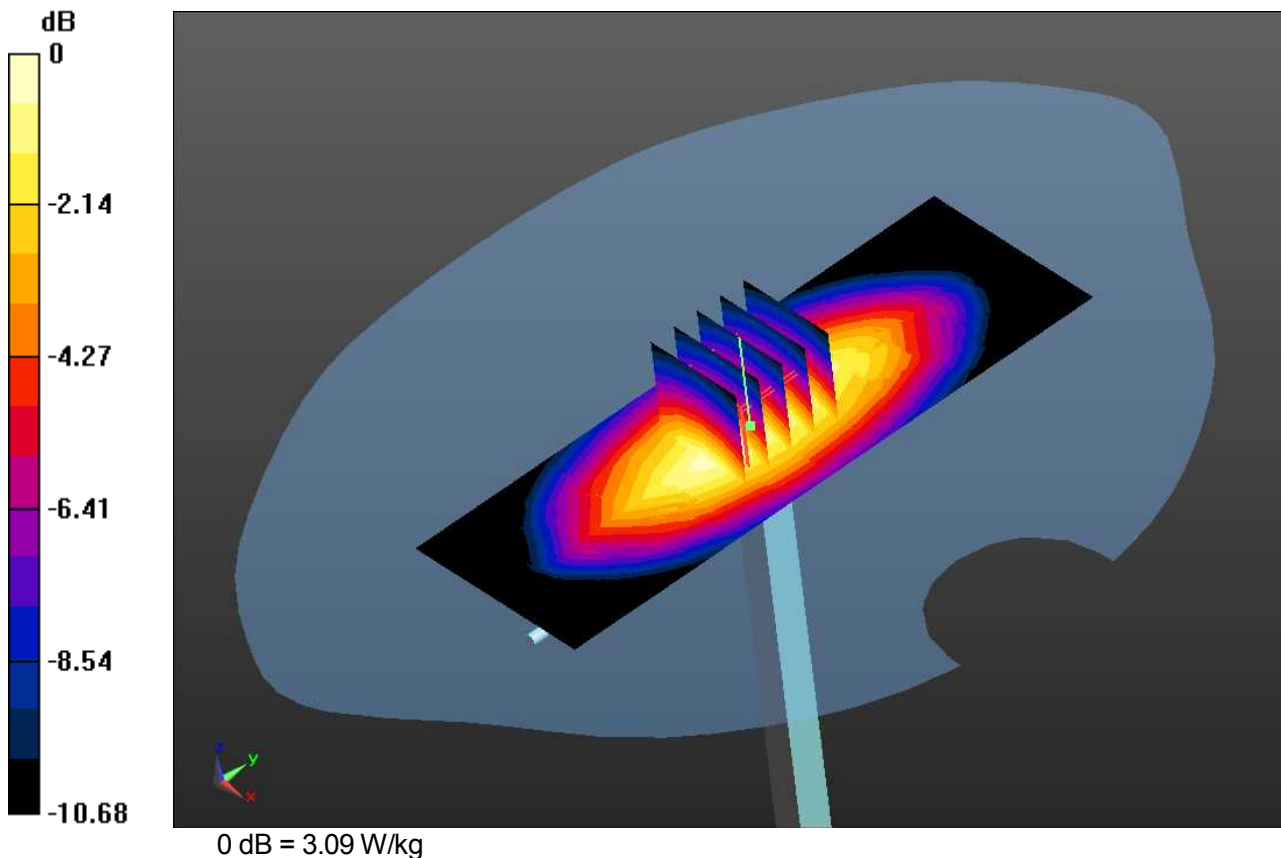
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 59.96 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 3.67 W/kg

SAR(1 g) = 2.43 W/kg; SAR(10 g) = 1.59 W/kg

Maximum value of SAR (measured) = 3.09 W/kg



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

Communication System: CW; Frequency: 835 MHz

Medium parameters used: $f = 835$ MHz; $\sigma = 0.901$ S/m; $\epsilon_r = 41.791$; $\rho = 1000$ kg/m³

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(9.97, 9.97, 9.97); Calibrated: 2014/12/16;

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

Electronics: DAE4 Sn1409; Calibrated: 2014/12/11

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

Measurement SW: DASY52, Version 52.8 (8)

Test date: 2015-4-27; Ambient Temp: 21.1; Tissue Temp: 20.8

835 MHz System Verification -Head-

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

Maximum value of SAR (measured) = 3.09 W/kg

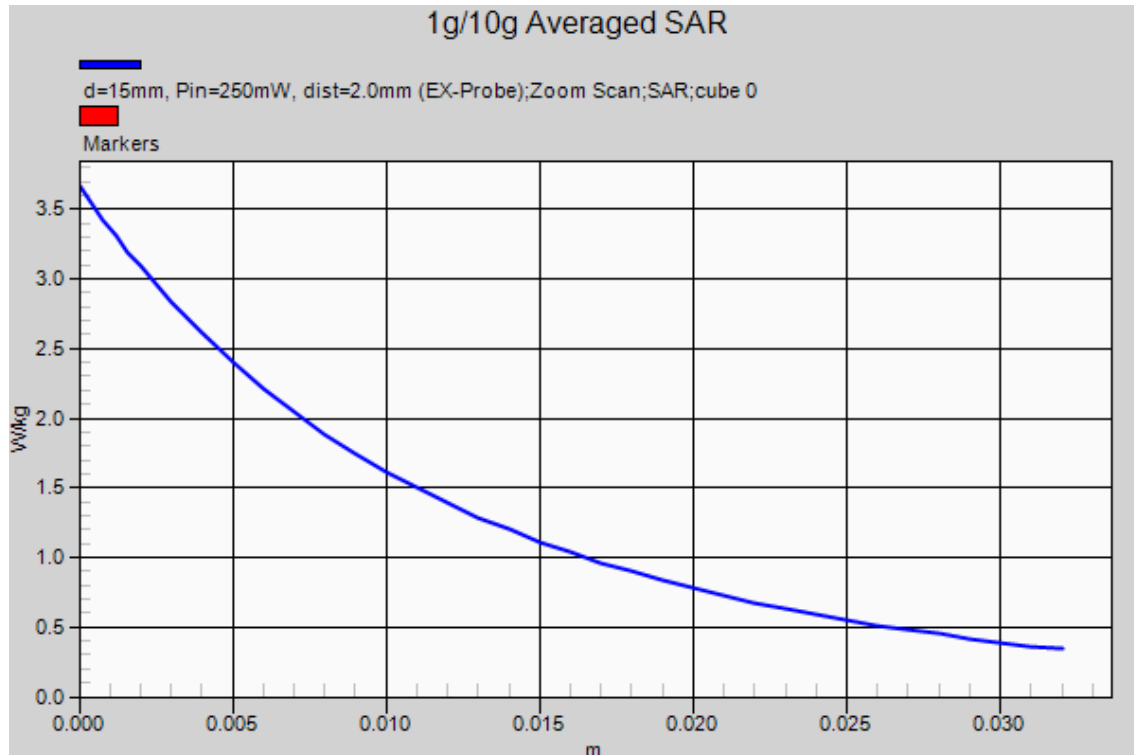
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 59.96 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 3.67 W/kg

SAR(1 g) = 2.43 W/kg; SAR(10 g) = 1.59 W/kg

Maximum value of SAR (measured) = 3.09 W/kg



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

Communication System: CW; Frequency: 835 MHz

Medium parameters used: $f = 835$ MHz; $\sigma = 1.018$ S/m; $\epsilon_r = 53.809$; $\rho = 1000$ kg/m³

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(9.84, 9.84, 9.84); Calibrated: 2014/12/16;

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

Electronics: DAE4 Sn1409; Calibrated: 2014/12/11

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

Measurement SW: DASY52, Version 52.8 (8)

Test date: 2015-4-27; Ambient Temp: 23.6; Tissue Temp: 22.4

835 MHz System Verification -Body-

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

Maximum value of SAR (measured) = 3.04 W/kg

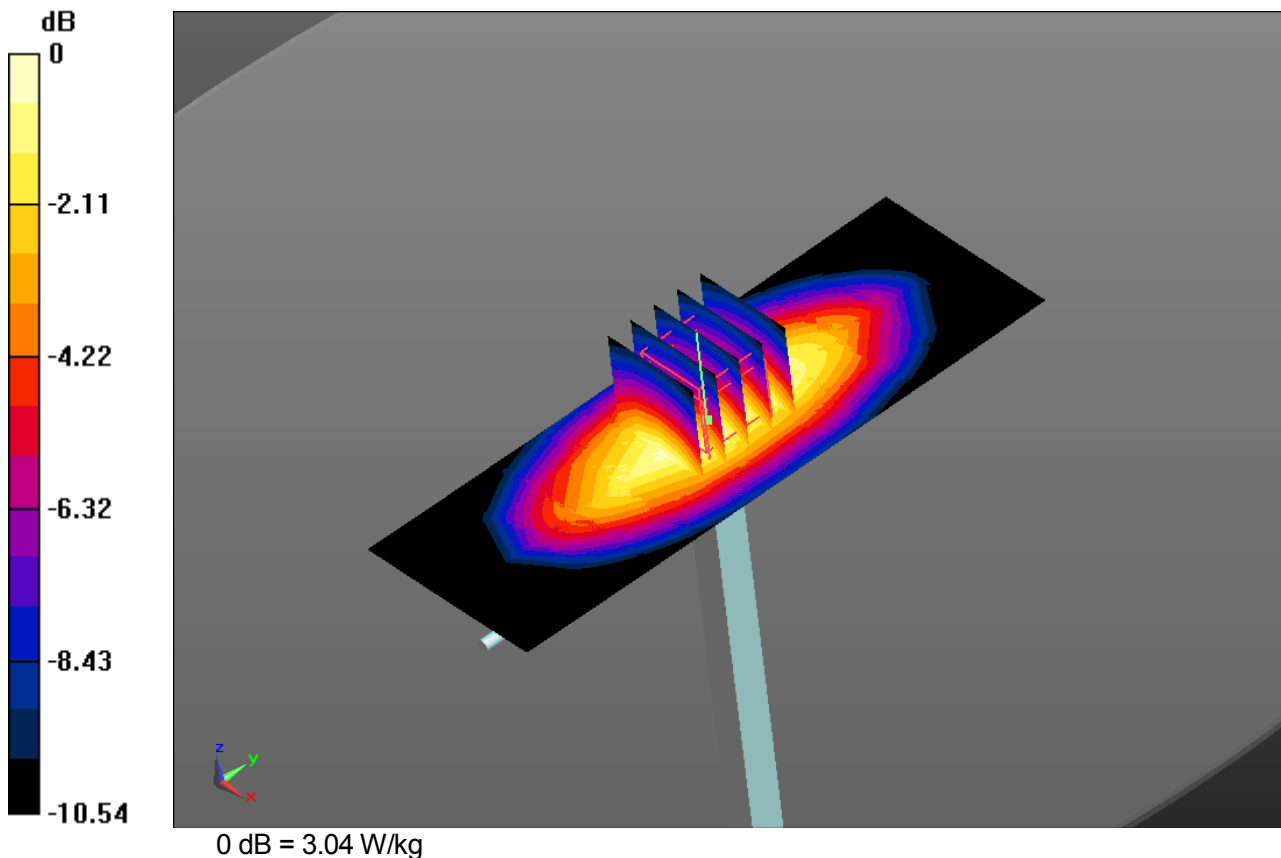
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 55.37 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.61 W/kg

SAR(1 g) = 2.4 W/kg; SAR(10 g) = 1.57 W/kg

Maximum value of SAR (measured) = 3.04 W/kg



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

Communication System: CW; Frequency: 835 MHz

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 1.018 \text{ S/m}$; $\epsilon_r = 53.809$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(9.84, 9.84, 9.84); Calibrated: 2014/12/16;

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

Electronics: DAE4 Sn1409; Calibrated: 2014/12/11

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

Measurement SW: DASY52, Version 52.8 (8)

Test date: 2015-4-27; Ambient Temp: 23.6; Tissue Temp: 22.4

835 MHz System Verification -Body-

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

Maximum value of SAR (measured) = 3.04 W/kg

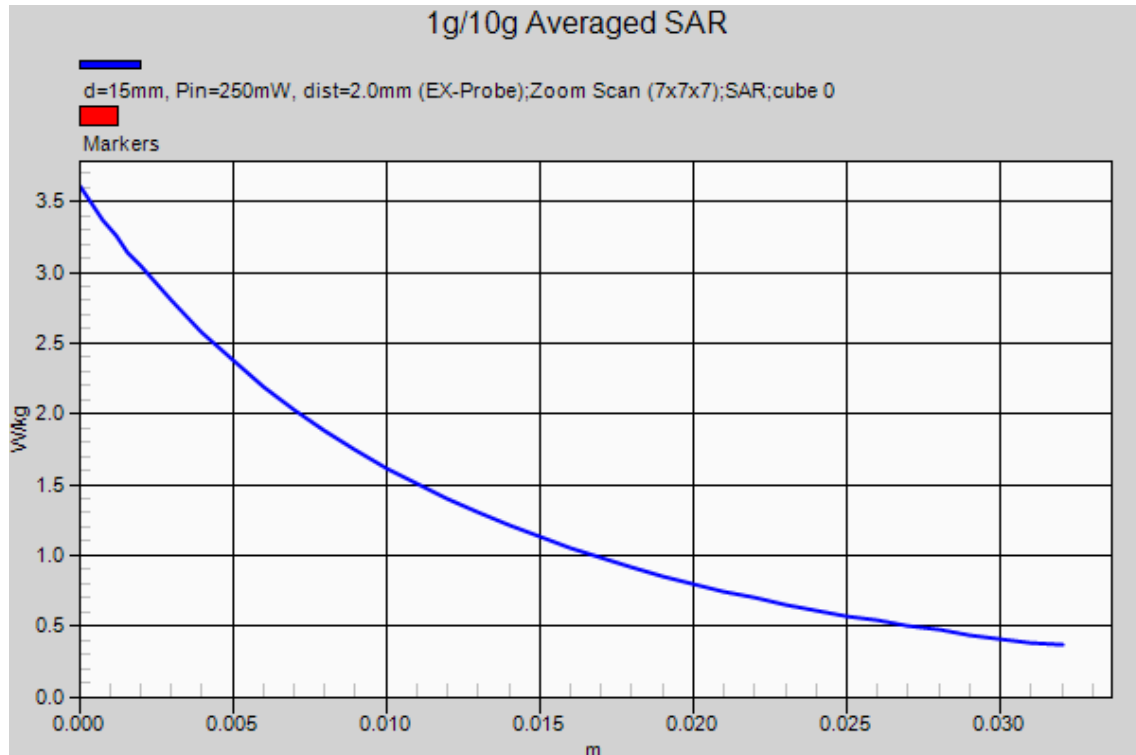
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 55.37 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.61 W/kg

SAR(1 g) = 2.4 W/kg; SAR(10 g) = 1.57 W/kg

Maximum value of SAR (measured) = 3.04 W/kg



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

Communication System: CW; Frequency: 835 MHz

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.917 \text{ S/m}$; $\epsilon_r = 40.532$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(9.97, 9.97, 9.97); Calibrated: 2014/12/16;

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

Electronics: DAE4 Sn1409; Calibrated: 2014/12/11

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

Measurement SW: DASY52, Version 52.8 (8)

Test date: 2015-4-28; Ambient Temp: 21.7; Tissue Temp: 21.5

835 MHz System Verification -Head-

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

Maximum value of SAR (measured) = 3.03 W/kg

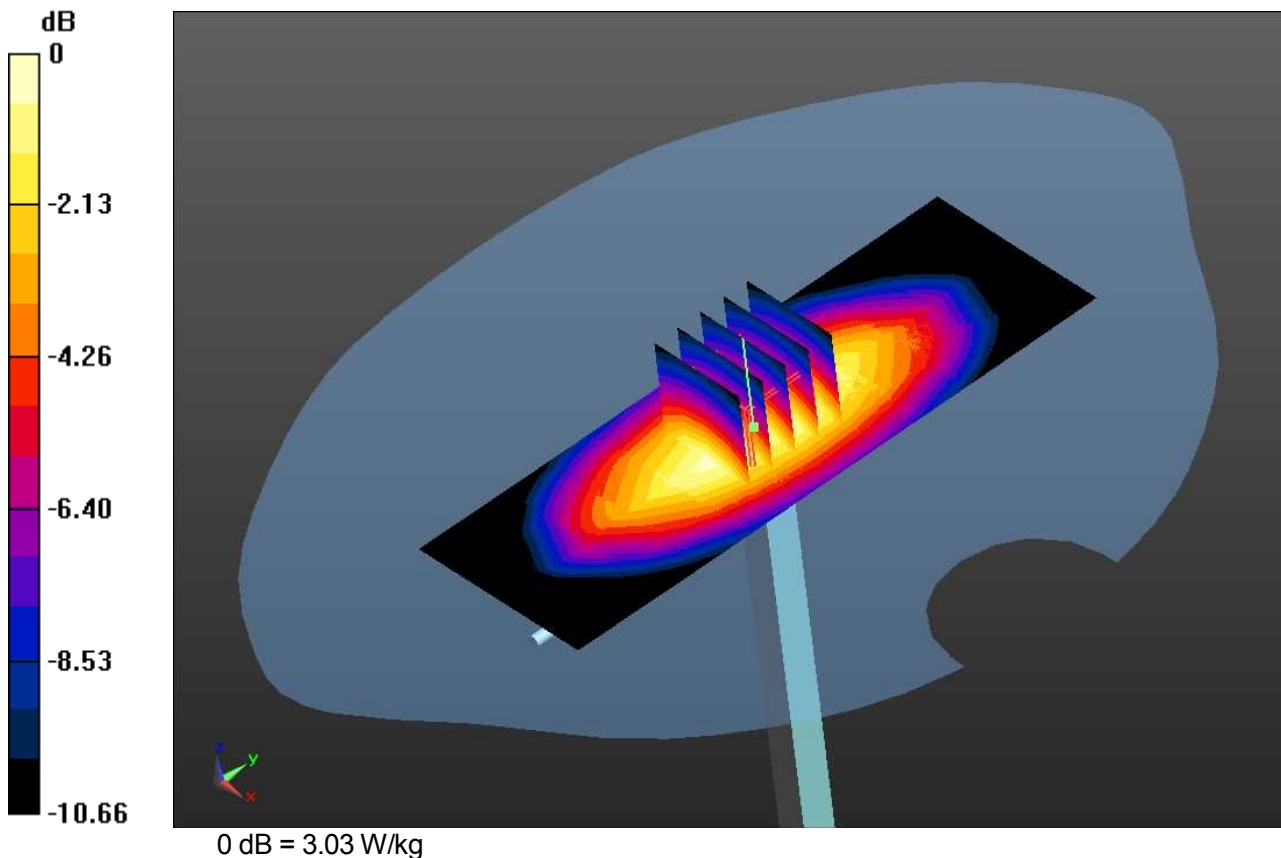
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 58.82 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.59 W/kg

SAR(1 g) = 2.38 W/kg; SAR(10 g) = 1.56 W/kg

Maximum value of SAR (measured) = 3.03 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; $\epsilon_r = 40.532$; $\rho = 1000$ kg/m³

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(9.97, 9.97, 9.97); Calibrated: 2014/12/16;

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

Electronics: DAE4 Sn1409; Calibrated: 2014/12/11

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

Measurement SW: DASY52, Version 52.8 (8)

Test date: 2015-4-28; Ambient Temp: 21.7; Tissue Temp: 21.5

835 MHz System Verification -Head-

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

Maximum value of SAR (measured) = 3.03 W/kg

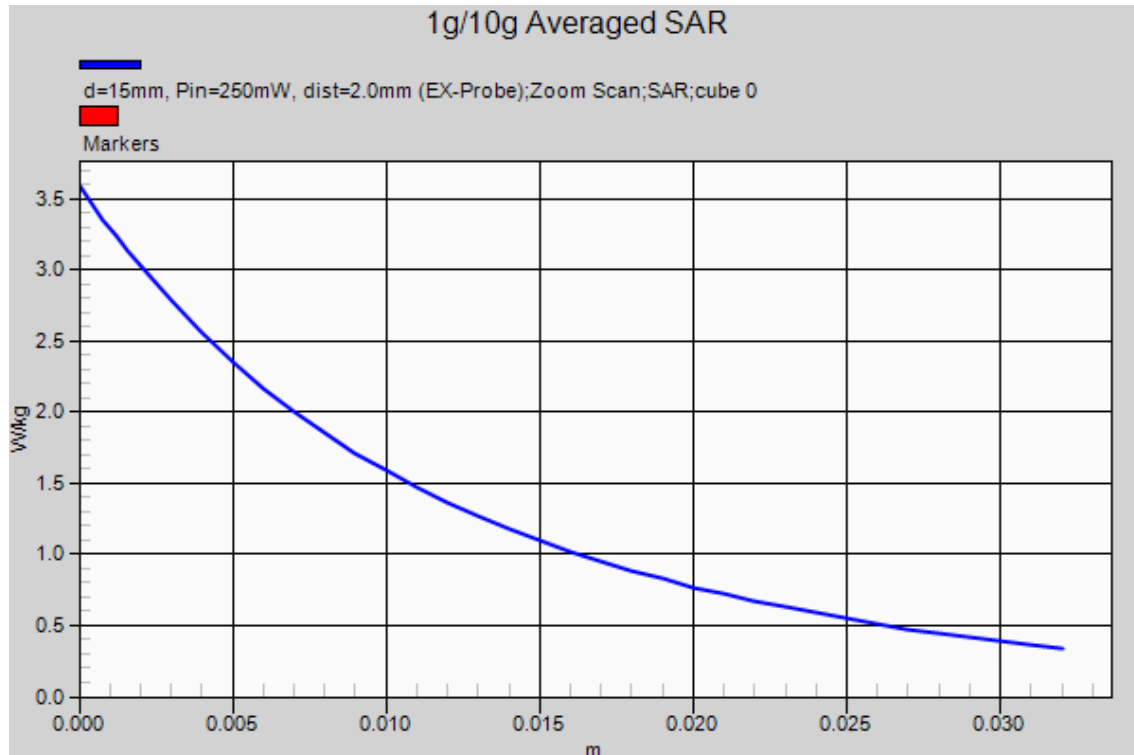
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 58.82 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.59 W/kg

SAR(1 g) = 2.38 W/kg; SAR(10 g) = 1.56 W/kg

Maximum value of SAR (measured) = 3.03 W/kg



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

Communication System: CW; Frequency: 835 MHz

Medium parameters used: $f = 835$ MHz; $\sigma = 1.003$ S/m; $\epsilon_r = 54.247$; $\rho = 1000$ kg/m³

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(9.84, 9.84, 9.84); Calibrated: 2014/12/16;

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

Electronics: DAE4 Sn1409; Calibrated: 2014/12/11

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

Measurement SW: DASY52, Version 52.8 (8)

Test date: 2015-4-28; Ambient Temp: 23.1; Tissue Temp: 22.4

835 MHz System Verification -Body-

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

Maximum value of SAR (measured) = 2.98 W/kg

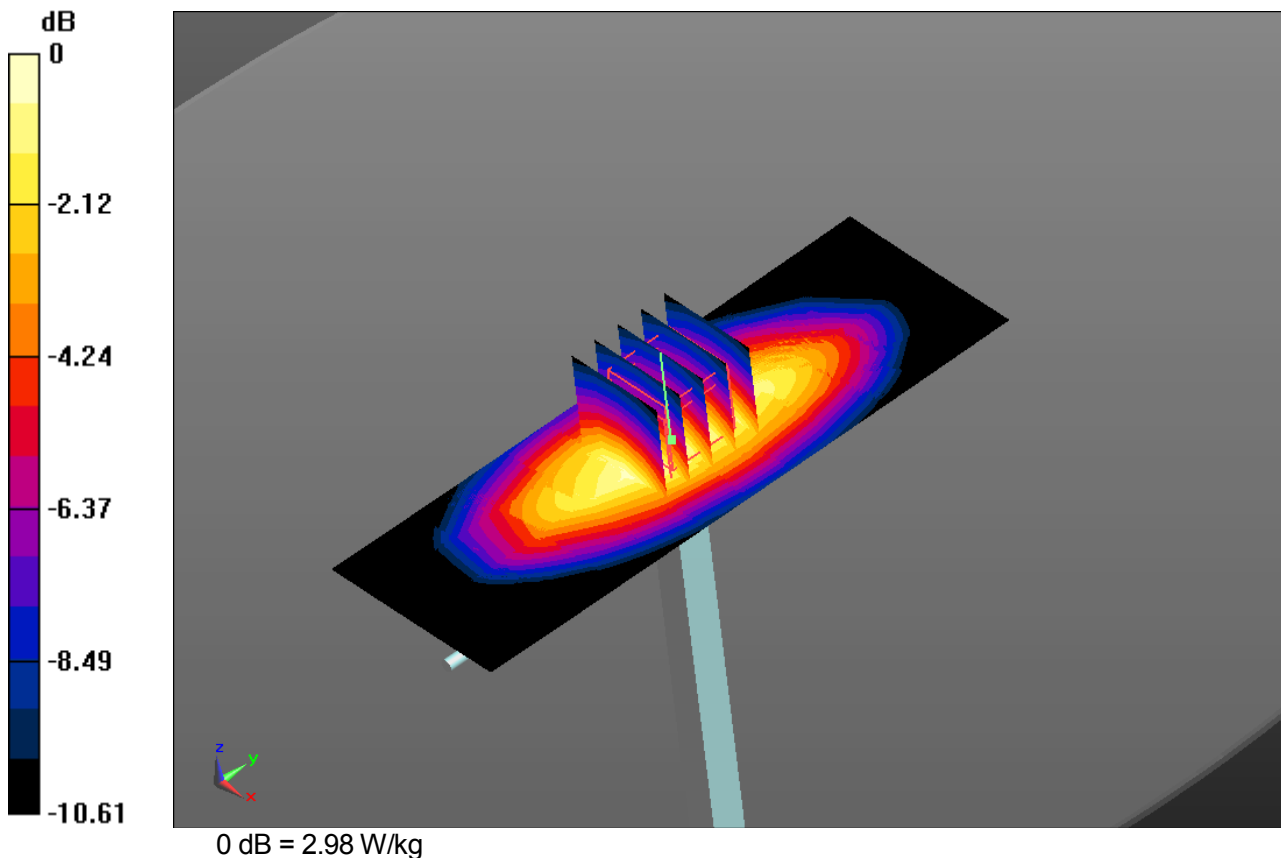
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 55.30 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.53 W/kg

SAR(1 g) = 2.34 W/kg; SAR(10 g) = 1.53 W/kg

Maximum value of SAR (measured) = 2.98 W/kg



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

Communication System: CW; Frequency: 835 MHz

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 1.003 \text{ S/m}$; $\epsilon_r = 54.247$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(9.84, 9.84, 9.84); Calibrated: 2014/12/16;

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

Electronics: DAE4 Sn1409; Calibrated: 2014/12/11

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

Measurement SW: DASY52, Version 52.8 (8)

Test date: 2015-4-28; Ambient Temp: 23.1; Tissue Temp: 22.4

835 MHz System Verification -Body-

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

Maximum value of SAR (measured) = 2.98 W/kg

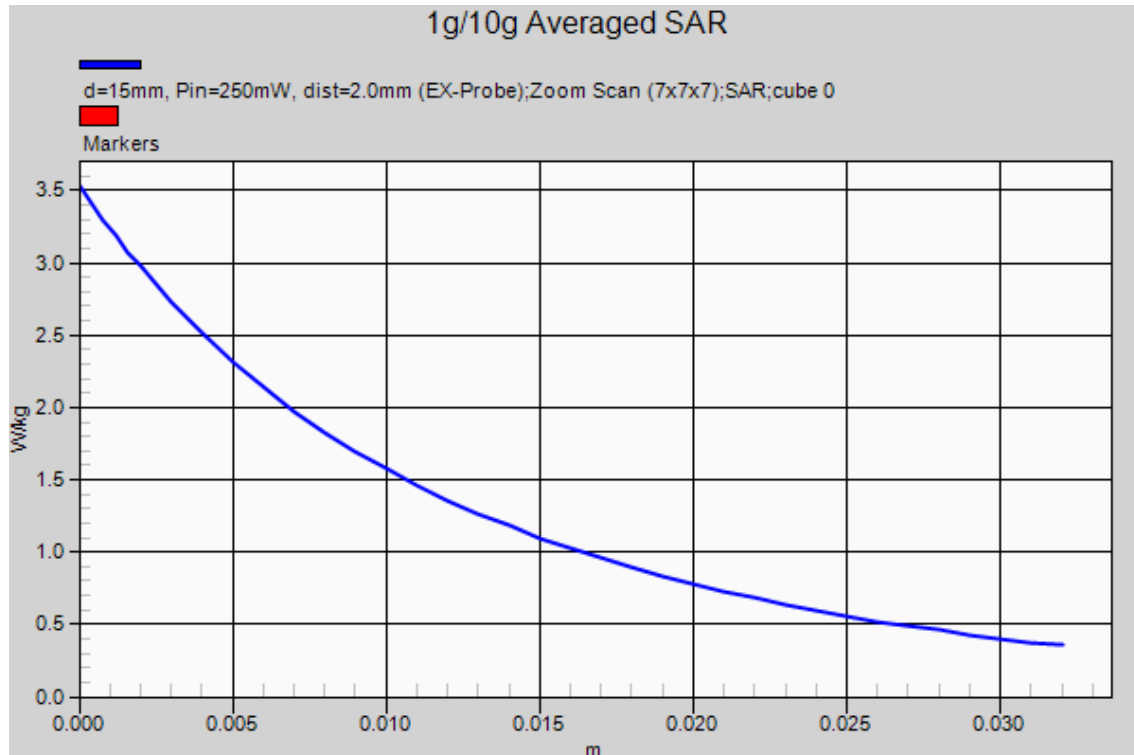
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 55.30 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.53 W/kg

SAR(1 g) = 2.34 W/kg; SAR(10 g) = 1.53 W/kg

Maximum value of SAR (measured) = 2.98 W/kg



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

Communication System: CW; Frequency: 835 MHz

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.911 \text{ S/m}$; $\epsilon_r = 40.775$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(9.97, 9.97, 9.97); Calibrated: 2014/12/16;

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

Electronics: DAE4 Sn1409; Calibrated: 2014/12/11

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

Measurement SW: DASY52, Version 52.8 (8)

Test date: 2015-6-8; Ambient Temp: 23.4; Tissue Temp: 23.0

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

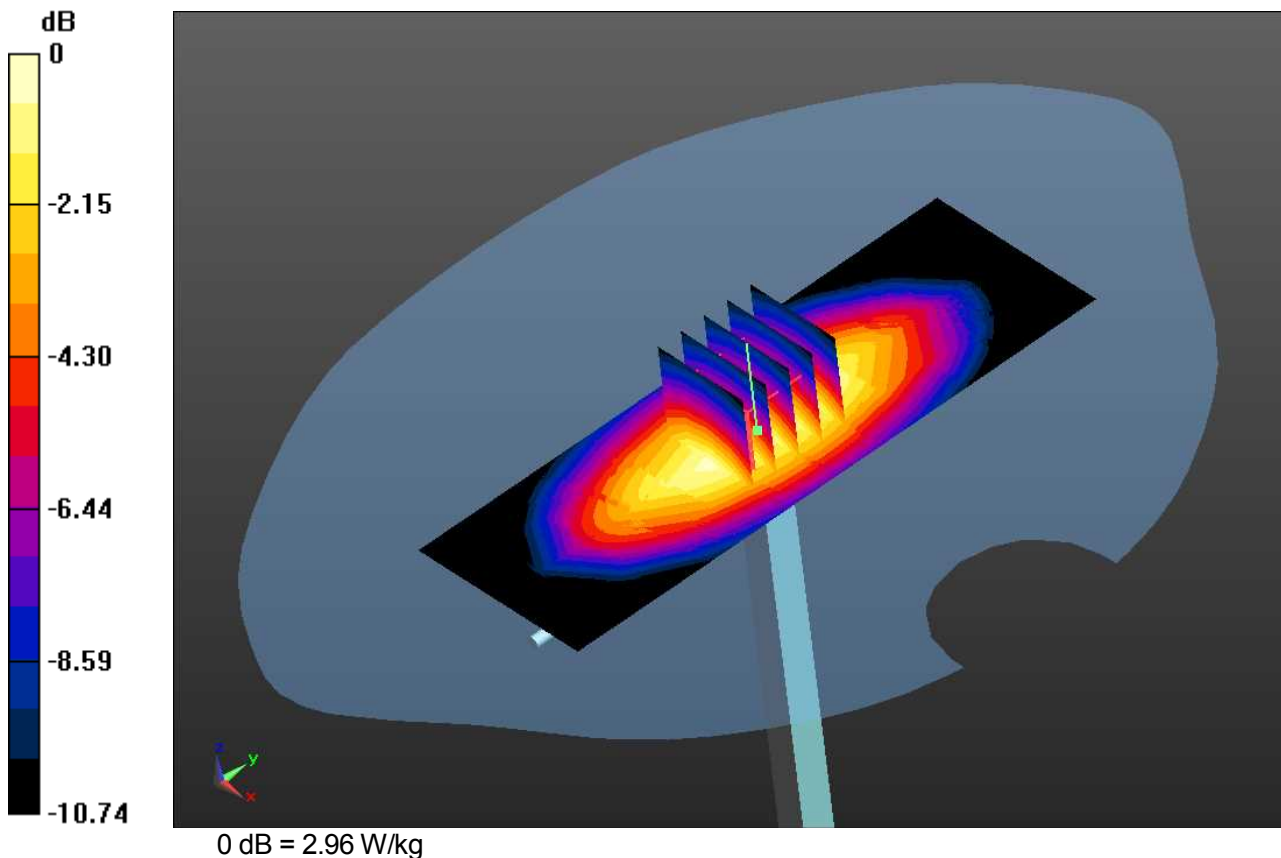
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 57.29 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 3.51 W/kg

SAR(1 g) = 2.32 W/kg; SAR(10 g) = 1.52 W/kg

Maximum value of SAR (measured) = 2.96 W/kg



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

Communication System: CW; Frequency: 835 MHz

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.911 \text{ S/m}$; $\epsilon_r = 40.775$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(9.97, 9.97, 9.97); Calibrated: 2014/12/16;

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

Electronics: DAE4 Sn1409; Calibrated: 2014/12/11

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

Measurement SW: DASY52, Version 52.8 (8)

Test date: 2015-6-8; Ambient Temp: 23.4; Tissue Temp: 23.0

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

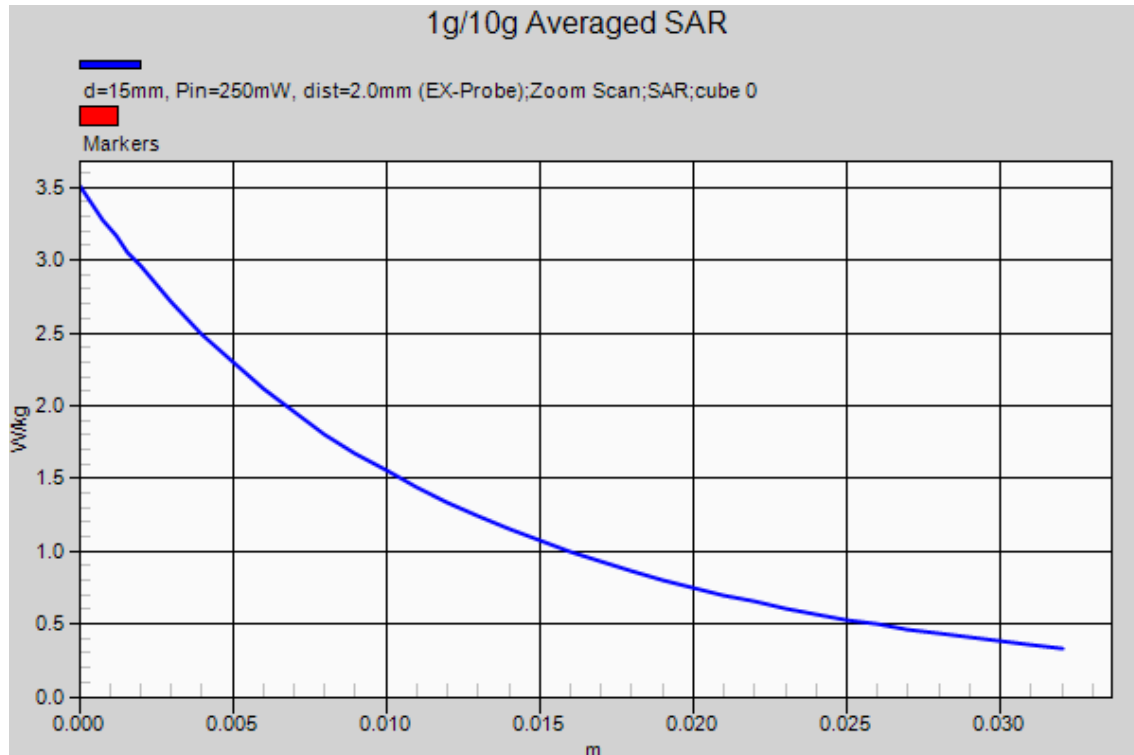
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 57.29 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 3.51 W/kg

SAR(1 g) = 2.32 W/kg; SAR(10 g) = 1.52 W/kg

Maximum value of SAR (measured) = 2.96 W/kg



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

Communication System: CW; Frequency: 835 MHz

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 1.014 \text{ S/m}$; $\epsilon_r = 53.293$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(9.84, 9.84, 9.84); Calibrated: 2014/12/16;

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

Electronics: DAE4 Sn1409; Calibrated: 2014/12/11

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

Measurement SW: DASY52, Version 52.8 (8)

Test date: 2015-6-8; Ambient Temp: 23.2; Tissue Temp: 22.8

835 MHz System Verification -Body-

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

Maximum value of SAR (measured) = 2.99 W/kg

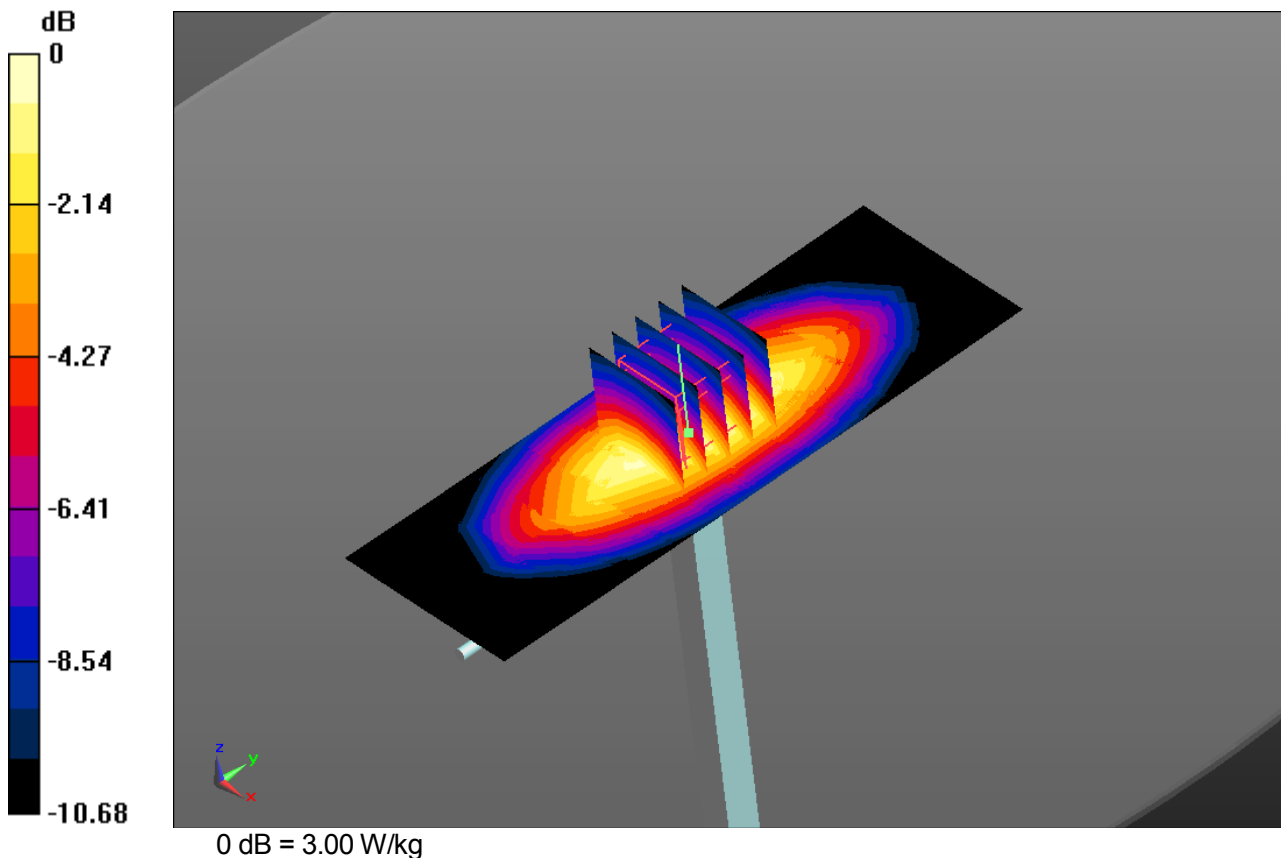
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 55.20 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 3.57 W/kg

SAR(1 g) = 2.35 W/kg; SAR(10 g) = 1.54 W/kg

Maximum value of SAR (measured) = 3.00 W/kg



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

Communication System: CW; Frequency: 835 MHz

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 1.014 \text{ S/m}$; $\epsilon_r = 53.293$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(9.84, 9.84, 9.84); Calibrated: 2014/12/16;

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

Electronics: DAE4 Sn1409; Calibrated: 2014/12/11

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

Measurement SW: DASY52, Version 52.8 (8)

Test date: 2015-6-8; Ambient Temp: 23.2; Tissue Temp: 22.8

835 MHz System Verification -Body-

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

Maximum value of SAR (measured) = 2.99 W/kg

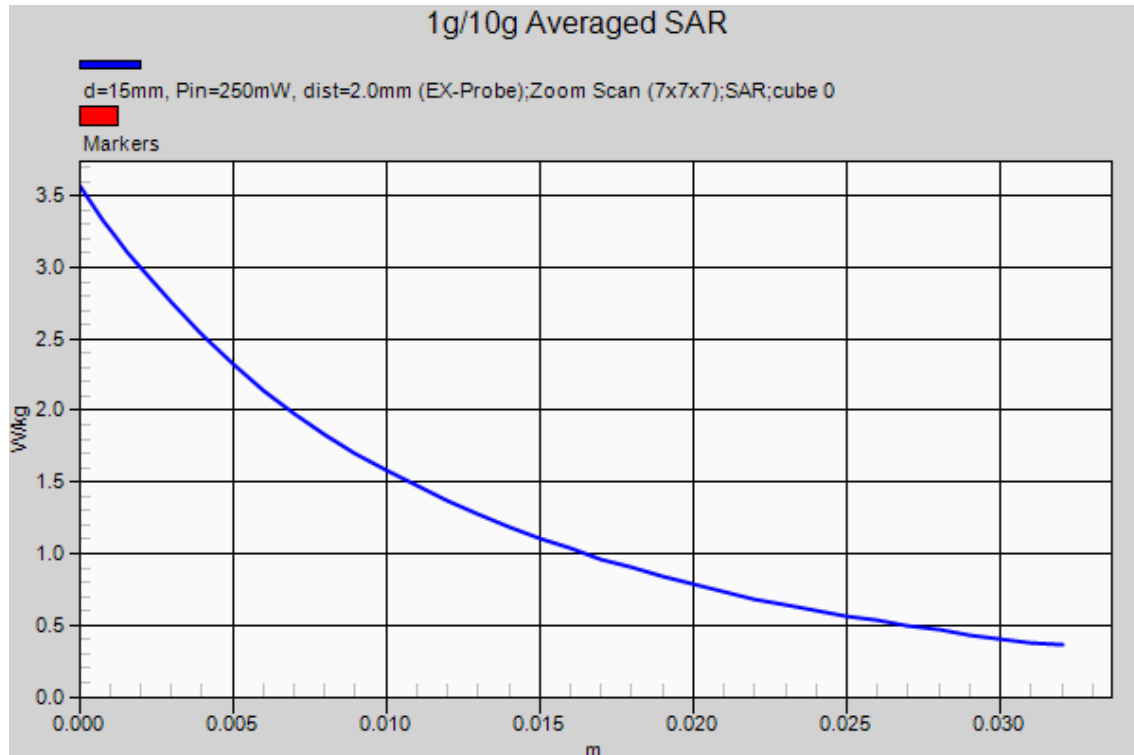
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 55.20 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 3.57 W/kg

SAR(1 g) = 2.35 W/kg; SAR(10 g) = 1.54 W/kg

Maximum value of SAR (measured) = 3.00 W/kg



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

Communication System: CW; Frequency: 1900 MHz

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.432$ S/m; $\epsilon_r = 39.118$; $\rho = 1000$ kg/m³

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF (8.23, 8.23, 8.23); Calibrated: 2014/12/16;

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

Electronics: DAE4 Sn1409; Calibrated: 2014/12/11

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

MEASUREMENT SW: DASY52, VERSION 52.8 (8);

Test date: 2015-4-24; Ambient Temp: 22.6; Tissue Temp: 22.0

1900 MHz System Verification -Head-

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

Maximum value of SAR (measured) = 13.5 W/kg

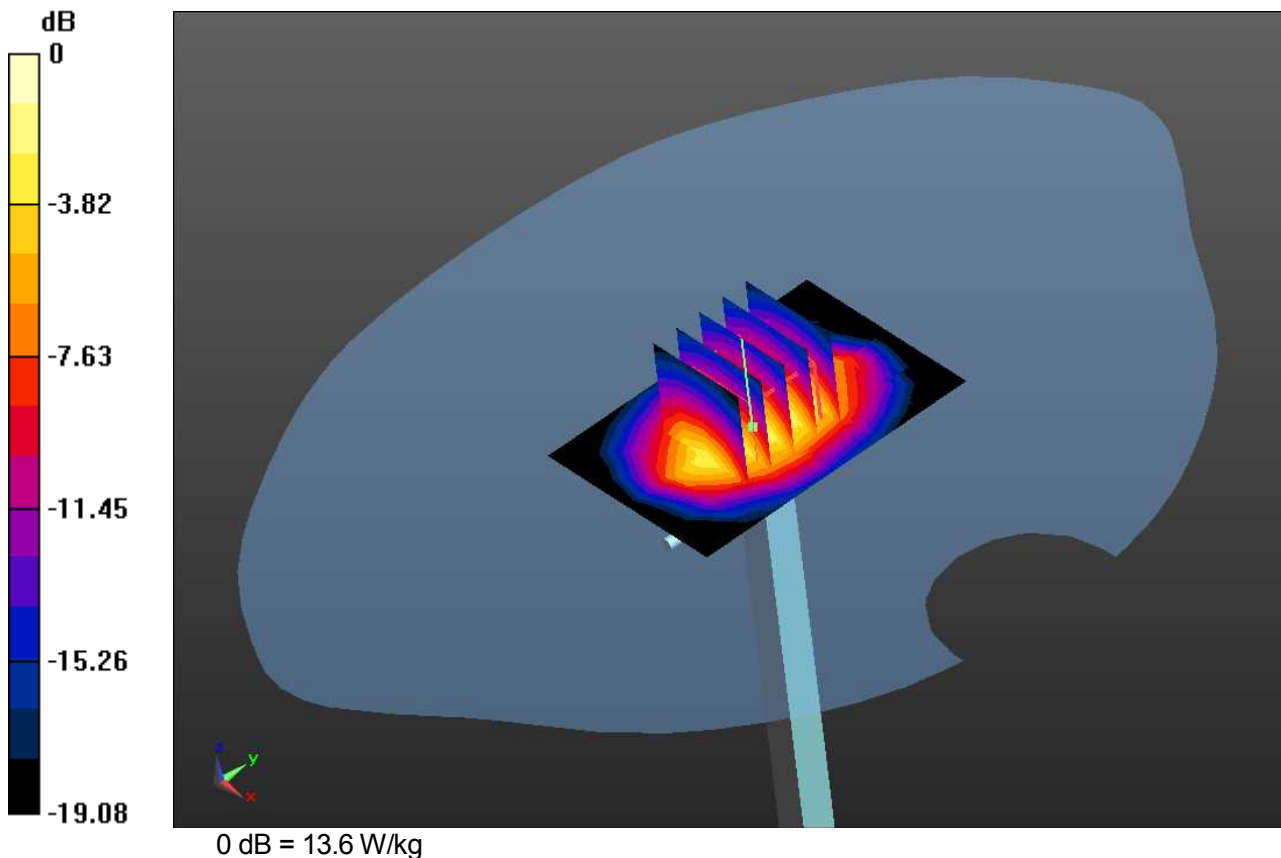
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 98.32 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 17.9 W/kg

SAR(1 g) = 9.42 W/kg; SAR(10 g) = 4.82 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; $\sigma = 1.432$ S/m; $\epsilon_r = 39.118$; $\rho = 1000$ kg/m³

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF (8.23, 8.23, 8.23); Calibrated: 2014/12/16;

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

Electronics: DAE4 Sn1409; Calibrated: 2014/12/11

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

MEASUREMENT SW: DASY52, VERSION 52.8 (8);

Test date: 2015-4-24; Ambient Temp: 22.6; Tissue Temp: 22.0

1900 MHz System Verification -Head-

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

Maximum value of SAR (measured) = 13.5 W/kg

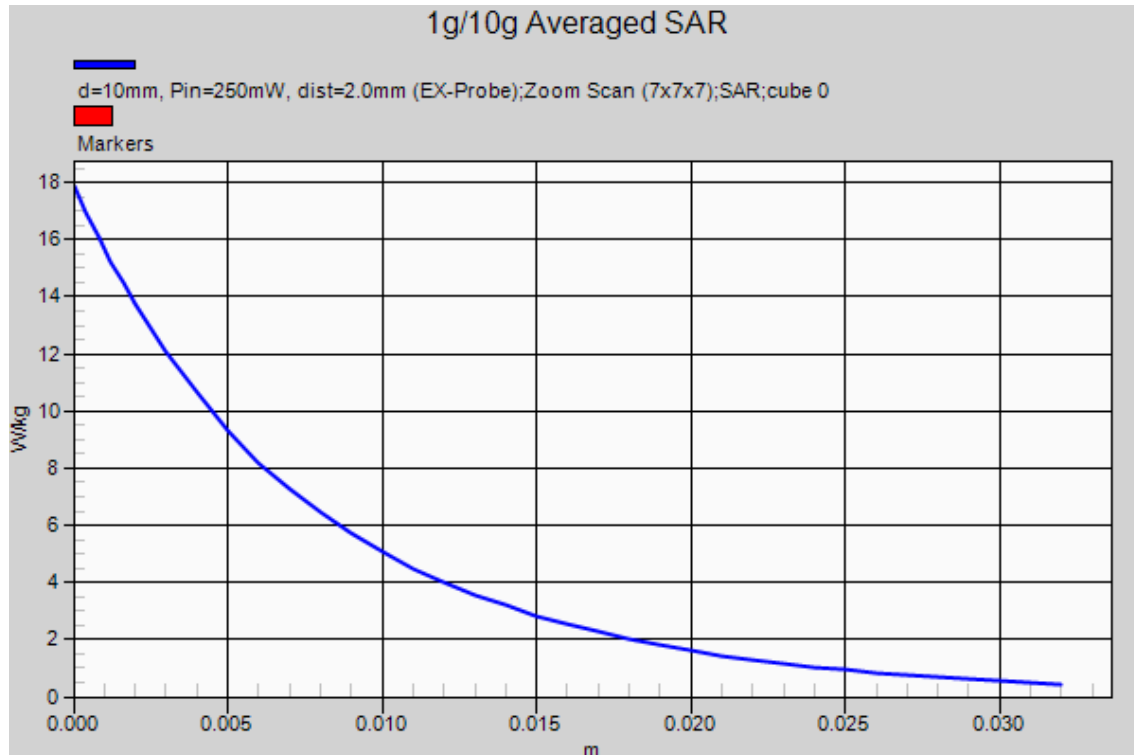
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 98.32 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 17.9 W/kg

SAR(1 g) = 9.42 W/kg; SAR(10 g) = 4.82 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; $\sigma = 1.517$ S/m; $\epsilon_r = 51.938$; $\rho = 1000$ kg/m³

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(7.81, 7.81, 7.81); Calibrated: 2014/12/16;

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

Electronics: DAE4 Sn1409; Calibrated: 2014/12/11

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

MEASUREMENT SW: DASY52, VERSION 52.8 (8);

Test date: 2015-4-24; Ambient Temp: 22.3; Tissue Temp: 21.9

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

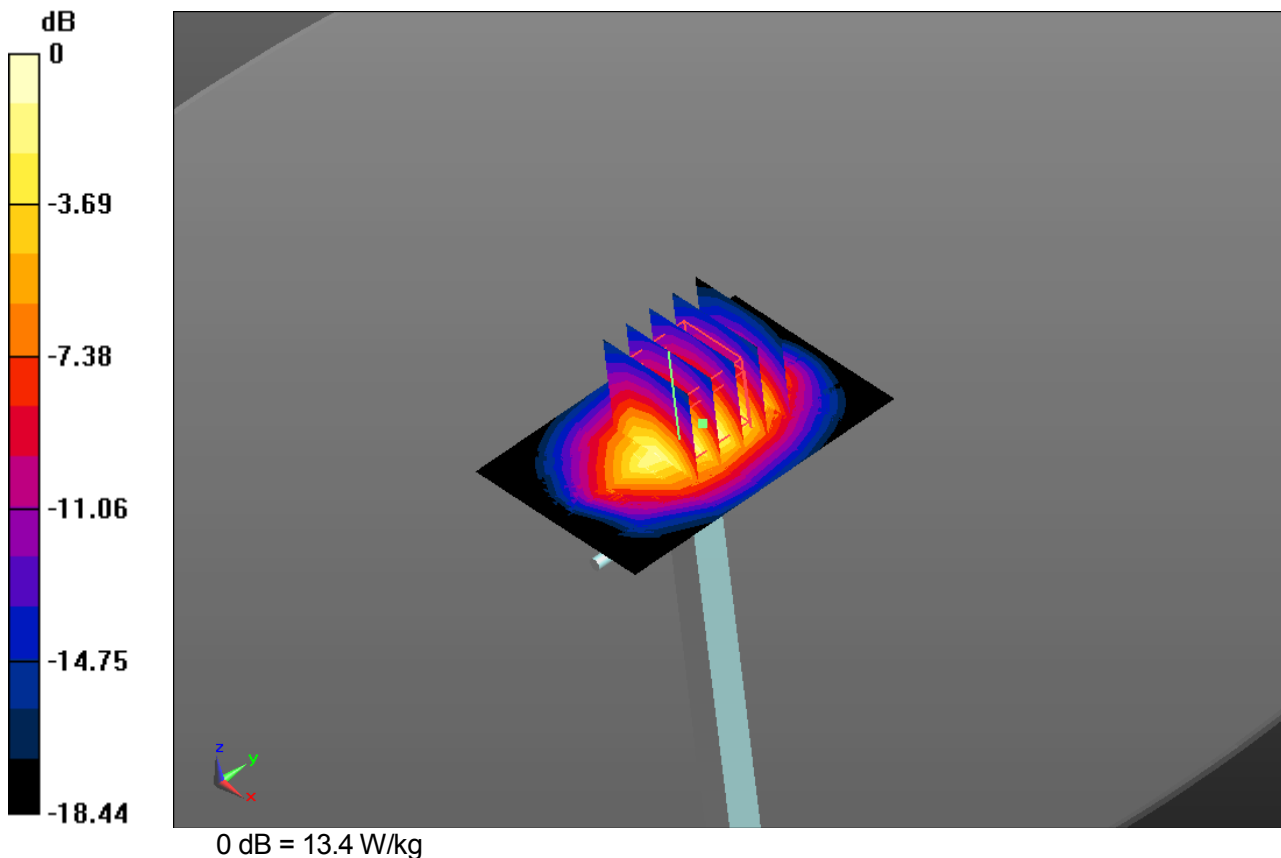
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 97.69 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 17.2 W/kg

SAR(1 g) = 9.67 W/kg; SAR(10 g) = 5.07 W/kg

Maximum value of SAR (measured) = 13.4 W/kg



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

Communication System: CW; Frequency: 1900 MHz

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.517$ S/m; $\epsilon_r = 51.938$; $\rho = 1000$ kg/m³

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(7.81, 7.81, 7.81); Calibrated: 2014/12/16;

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

Electronics: DAE4 Sn1409; Calibrated: 2014/12/11

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

MEASUREMENT SW: DASY52, VERSION 52.8 (8);

Test date: 2015-4-24; Ambient Temp: 22.3; Tissue Temp: 21.9

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

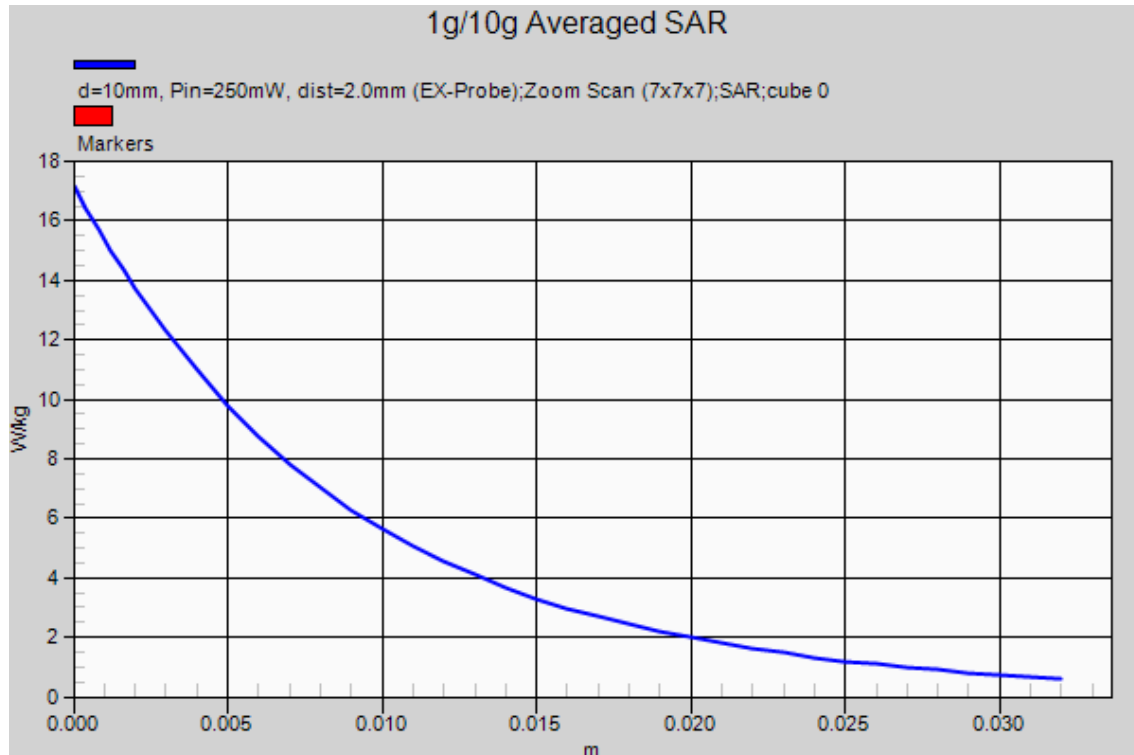
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 97.69 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 17.2 W/kg

SAR(1 g) = 9.67 W/kg; SAR(10 g) = 5.07 W/kg

Maximum value of SAR (measured) = 13.4 W/kg



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

Communication System: CW; Frequency: 2450 MHz

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.839$ S/m; $\epsilon_r = 39.422$; $\rho = 1000$ kg/m³

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(7.43, 7.43, 7.43); Calibrated: 2014/12/16;

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

Electronics: DAE4 Sn1409; Calibrated: 2014/12/11

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

MEASUREMENT SW: DASY52, VERSION 52.8 (8);

Test date: 2015-4-29; Ambient Temp: 23.3; Tissue Temp: 22.6

2450 MHz System Verification -Head-

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

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

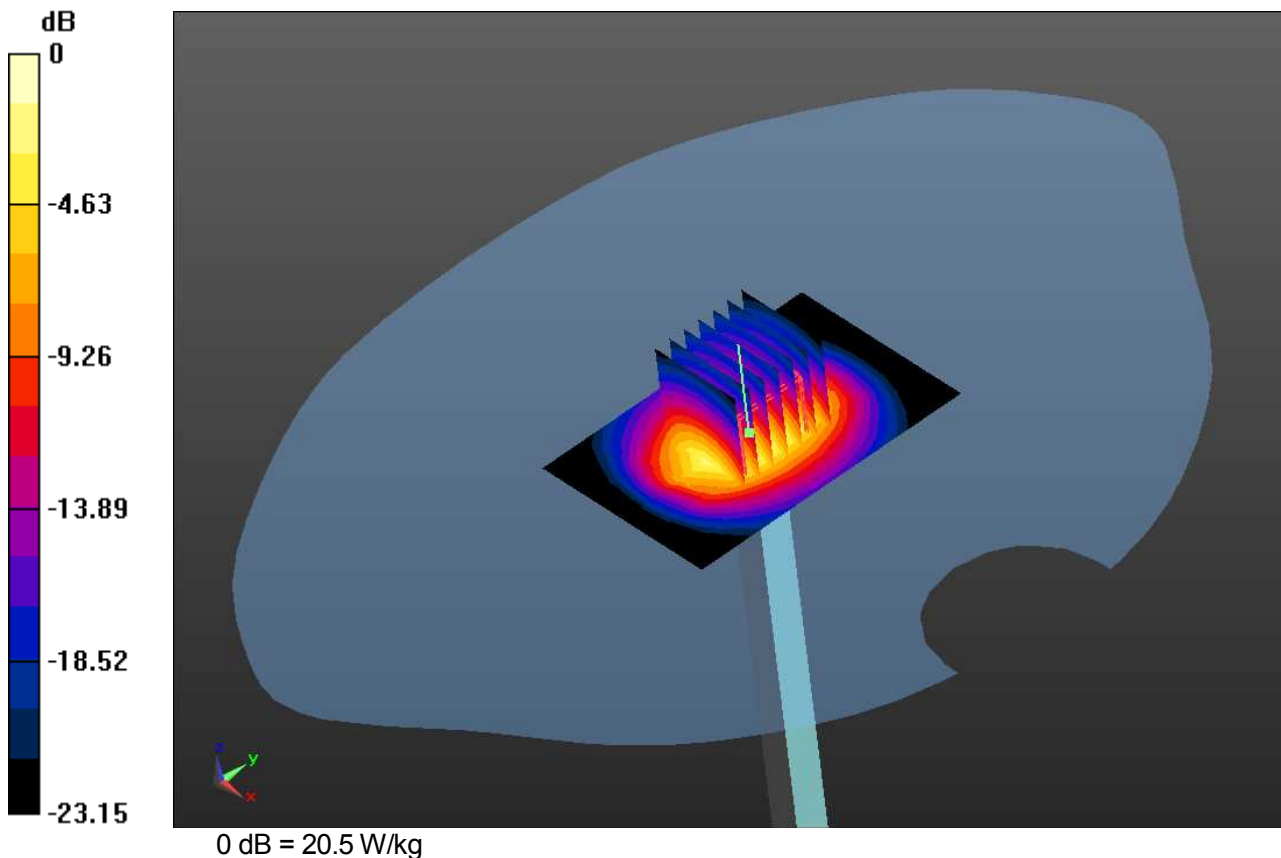
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 106.2 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 28.3 W/kg

SAR(1 g) = 13.2 W/kg; SAR(10 g) = 6.01 W/kg

Maximum value of SAR (measured) = 20.5 W/kg



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

Communication System: CW; Frequency: 2450 MHz

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.839$ S/m; $\epsilon_r = 39.422$; $\rho = 1000$ kg/m³

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(7.43, 7.43, 7.43); Calibrated: 2014/12/16;

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

Electronics: DAE4 Sn1409; Calibrated: 2014/12/11

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

MEASUREMENT SW: DASY52, VERSION 52.8 (8);

Test date: 2015-4-29; Ambient Temp: 23.3; Tissue Temp: 22.6

2450 MHz System Verification -Head-

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

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

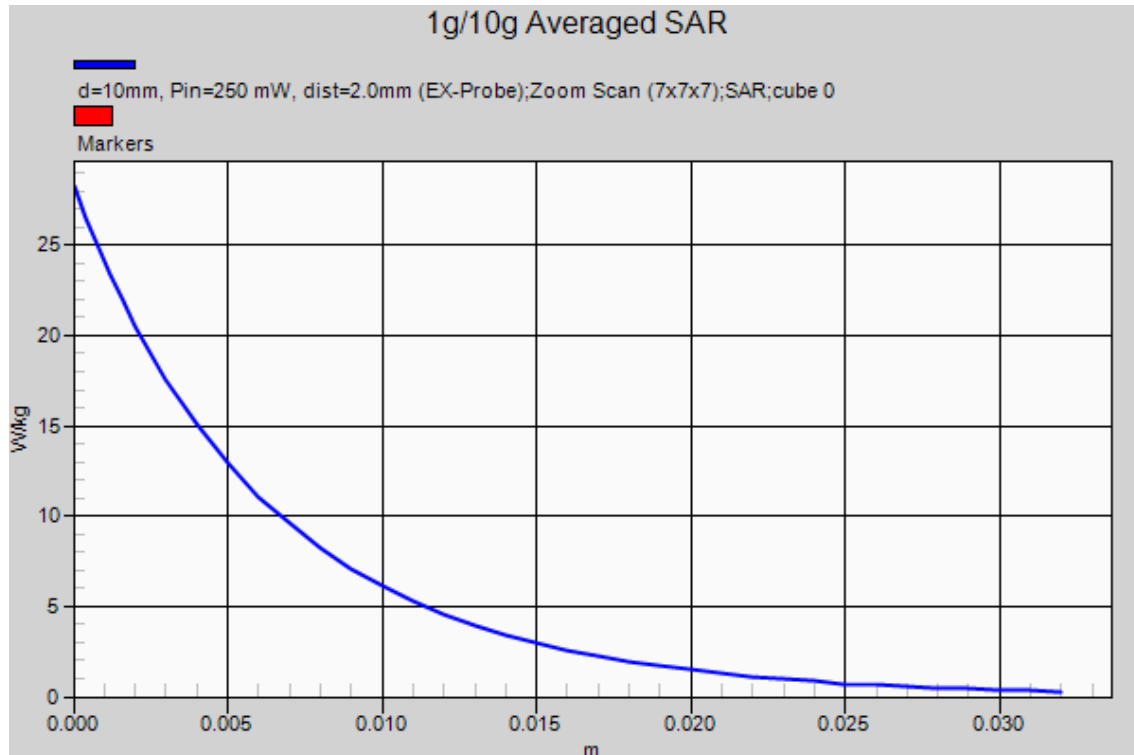
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 106.2 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 28.3 W/kg

SAR(1 g) = 13.2 W/kg; SAR(10 g) = 6.01 W/kg

Maximum value of SAR (measured) = 20.5 W/kg



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

Communication System: CW; Frequency: 2450 MHz

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.965$ S/m; $\epsilon_r = 51.939$; $\rho = 1000$ kg/m³

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(7.4, 7.4, 7.4); Calibrated: 2014/12/16;

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

Electronics: DAE4 Sn1409; Calibrated: 2014/12/11

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

MEASUREMENT SW: DASY52, VERSION 52.8 (8);

Test date: 2015-4-29; Ambient Temp: 23.3; Tissue Temp: 23.2

2450 MHz System Verification -Body-

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

Maximum value of SAR (measured) = 19.1 W/kg

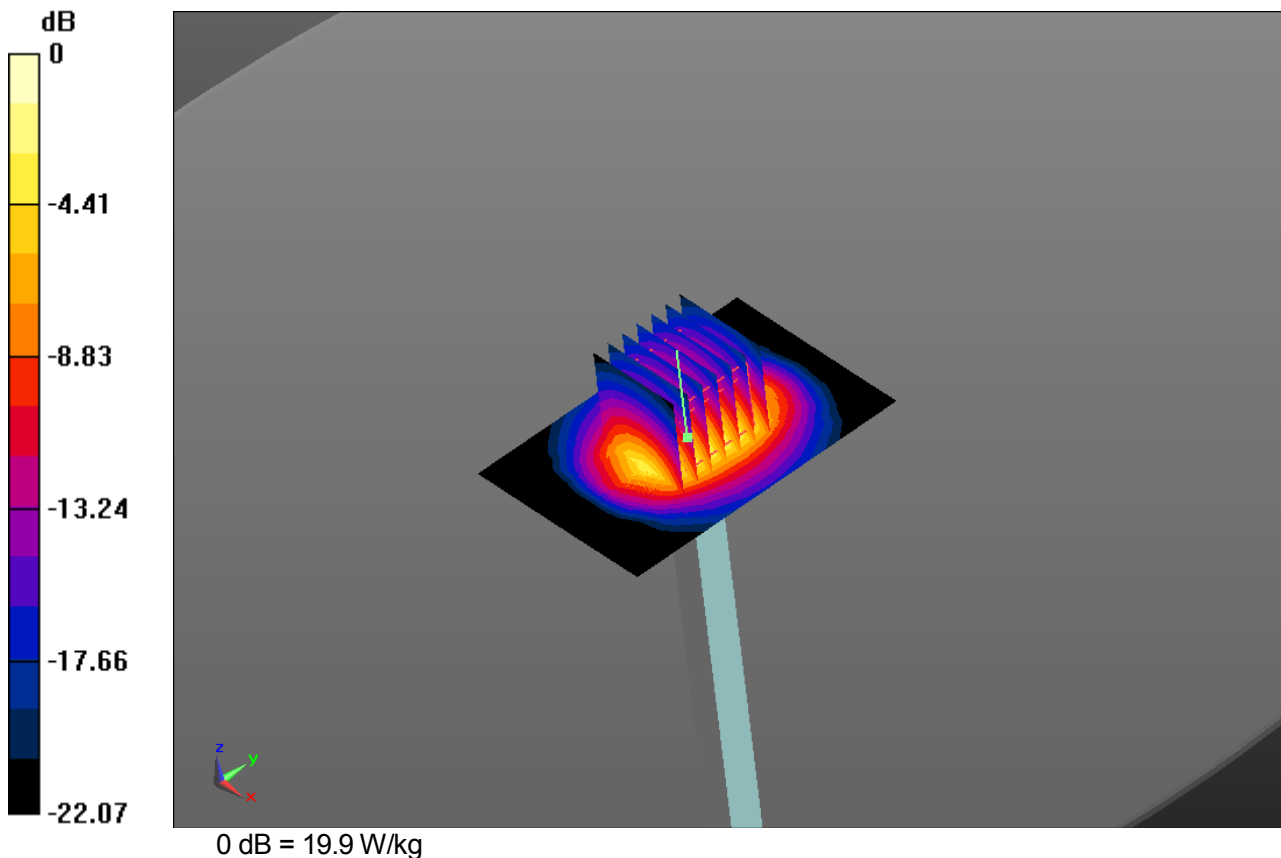
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 101.1 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 26.8 W/kg

SAR(1 g) = 13.1 W/kg; SAR(10 g) = 6.09 W/kg

Maximum value of SAR (measured) = 19.9 W/kg



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

Communication System: CW; Frequency: 2450 MHz

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.965$ S/m; $\epsilon_r = 51.939$; $\rho = 1000$ kg/m³

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(7.4, 7.4, 7.4); Calibrated: 2014/12/16;

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

Electronics: DAE4 Sn1409; Calibrated: 2014/12/11

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

MEASUREMENT SW: DASY52, VERSION 52.8 (8);

Test date: 2015-4-29; Ambient Temp: 23.3; Tissue Temp: 23.2

2450 MHz System Verification -Body-

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

Maximum value of SAR (measured) = 19.1 W/kg

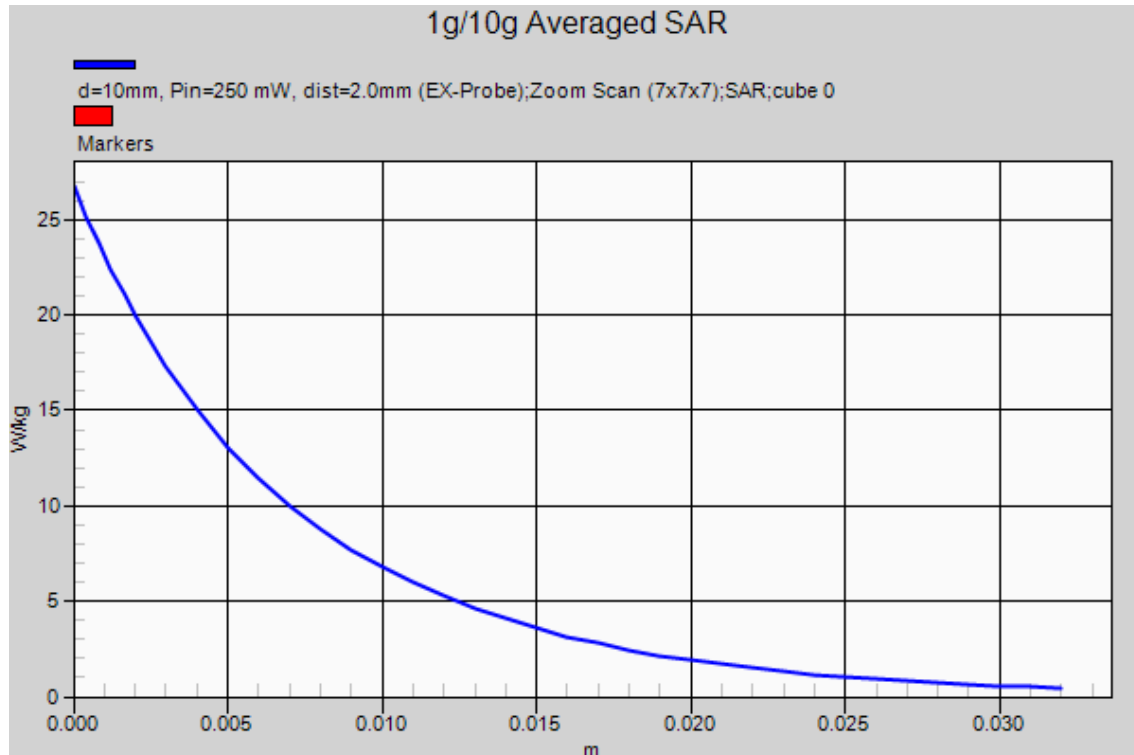
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 101.1 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 26.8 W/kg

SAR(1 g) = 13.1 W/kg; SAR(10 g) = 6.09 W/kg

Maximum value of SAR (measured) = 19.9 W/kg



DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: 1166

Communication System: CW; Frequency: 5200 MHz

Medium parameters used: $f = 5200$ MHz; $\sigma = 4.475$ S/m; $\epsilon_r = 36.730$; $\rho = 1000$ kg/m³

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(5.34, 5.34, 5.34); Calibrated: 2014/12/16;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 21.0$

Electronics: DAE4 Sn1409; Calibrated: 2014/12/11

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

MEASUREMENT SW: DASY52, VERSION 52.8 (8);

Test date: 2015-4-23; Ambient Temp: 21.7; Tissue Temp: 21.4

5200 MHz System Verification -Head-

Area Scan (5x6x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 14.6 W/kg

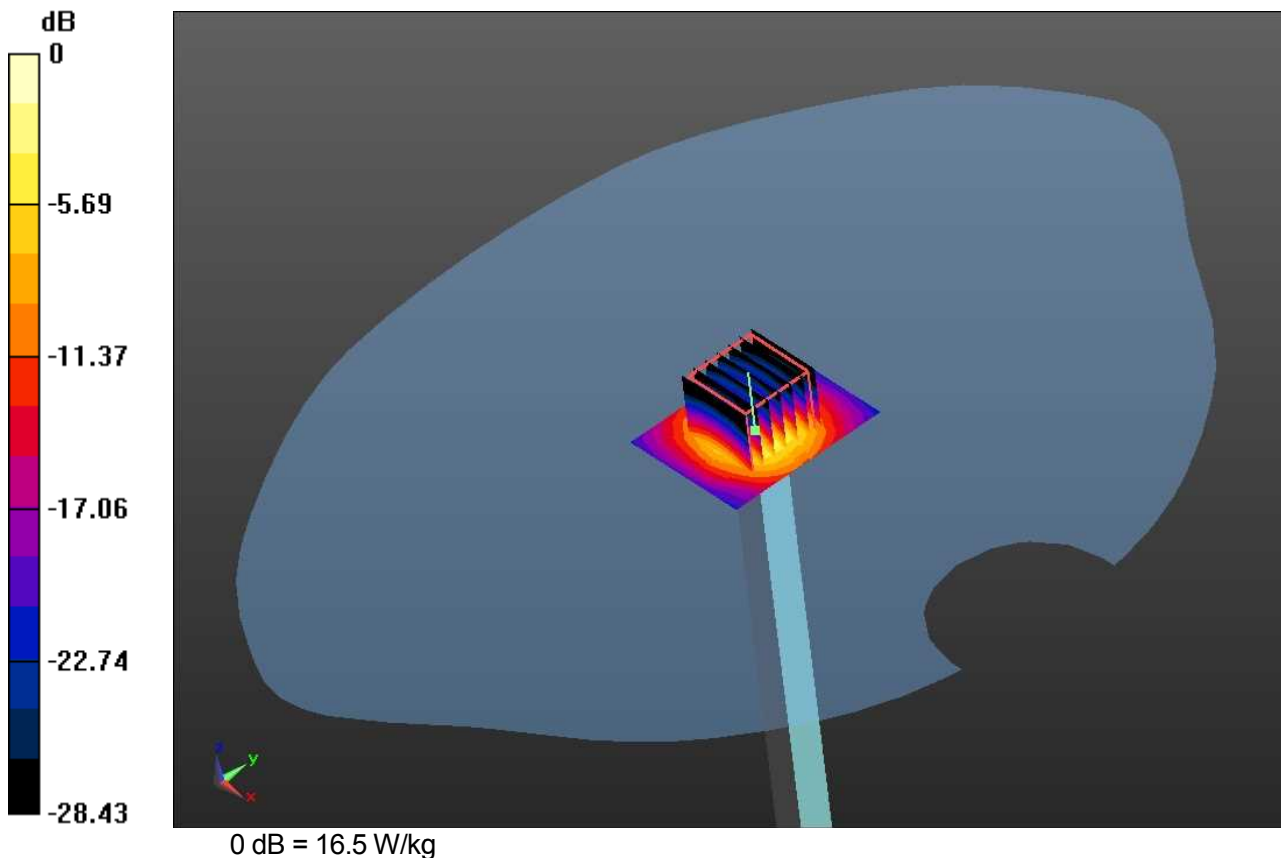
Zoom Scan (7x7x11)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 65.26 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 33.1 W/kg

SAR(1 g) = 8.08 W/kg; SAR(10 g) = 2.36 W/kg

Maximum value of SAR (measured) = 16.5 W/kg



DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: 1166

Communication System: CW; Frequency: 5200 MHz

Medium parameters used: $f = 5200$ MHz; $\sigma = 4.475$ S/m; $\epsilon_r = 36.730$; $\rho = 1000$ kg/m³

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(5.34, 5.34, 5.34); Calibrated: 2014/12/16;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 21.0$

Electronics: DAE4 Sn1409; Calibrated: 2014/12/11

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

MEASUREMENT SW: DASY52, VERSION 52.8 (8);

Test date: 2015-4-23; Ambient Temp: 21.7; Tissue Temp: 21.4

5200 MHz System Verification -Head-**Area Scan (5x6x1):** Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 14.6 W/kg

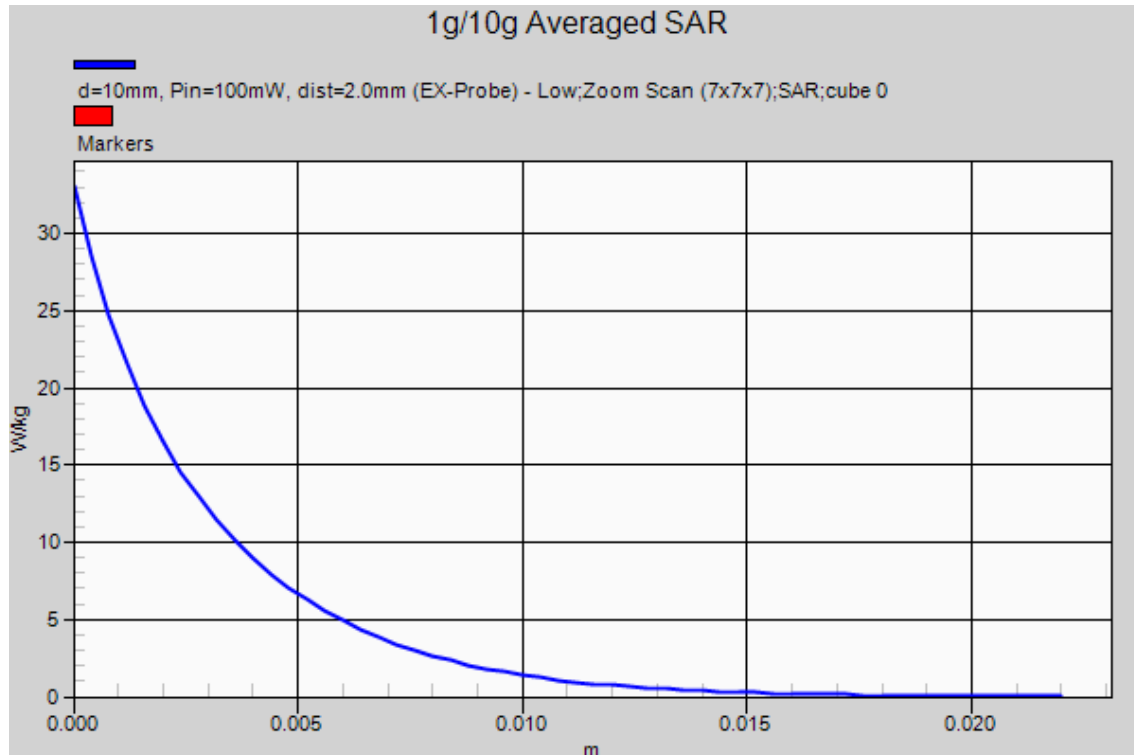
Zoom Scan (7x7x11)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 65.26 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 33.1 W/kg

SAR(1 g) = 8.08 W/kg; SAR(10 g) = 2.36 W/kg

Maximum value of SAR (measured) = 16.5 W/kg



DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: 1166

Communication System: CW; Frequency: 5500 MHz

Medium parameters used: $f = 5500$ MHz; $\sigma = 4.774$ S/m; $\epsilon_r = 36.290$; $\rho = 1000$ kg/m³

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(4.93, 4.93, 4.93); Calibrated: 2014/12/16;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 21.0$

Electronics: DAE4 Sn1409; Calibrated: 2014/12/11

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

MEASUREMENT SW: DASY52, VERSION 52.8 (8);

Test date: 2015-4-23; Ambient Temp: 21.7; Tissue Temp: 21.4

5500 MHz System Verification -Head-

Area Scan (5x6x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 15.6 W/kg

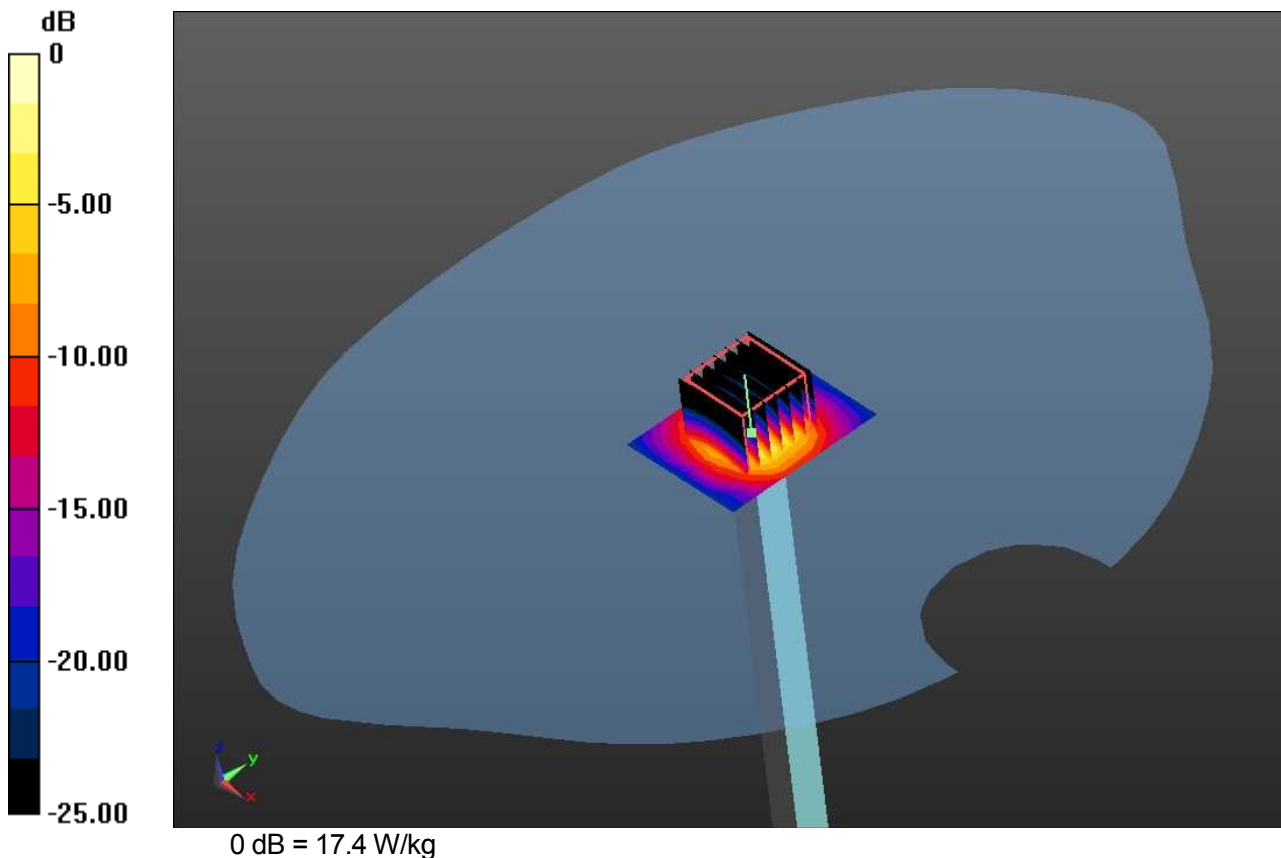
Zoom Scan (7x7x11)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 66.33 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 35.9 W/kg

SAR(1 g) = 8.4 W/kg; SAR(10 g) = 2.41 W/kg

Maximum value of SAR (measured) = 17.4 W/kg



DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: 1166

Communication System: CW; Frequency: 5500 MHz

Medium parameters used: $f = 5500$ MHz; $\sigma = 4.774$ S/m; $\epsilon_r = 36.290$; $\rho = 1000$ kg/m³

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(4.93, 4.93, 4.93); Calibrated: 2014/12/16;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 21.0$

Electronics: DAE4 Sn1409; Calibrated: 2014/12/11

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

MEASUREMENT SW: DASY52, VERSION 52.8 (8);

Test date: 2015-4-23; Ambient Temp: 21.7; Tissue Temp: 21.4

5500 MHz System Verification -Head-

Area Scan (5x6x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 15.6 W/kg

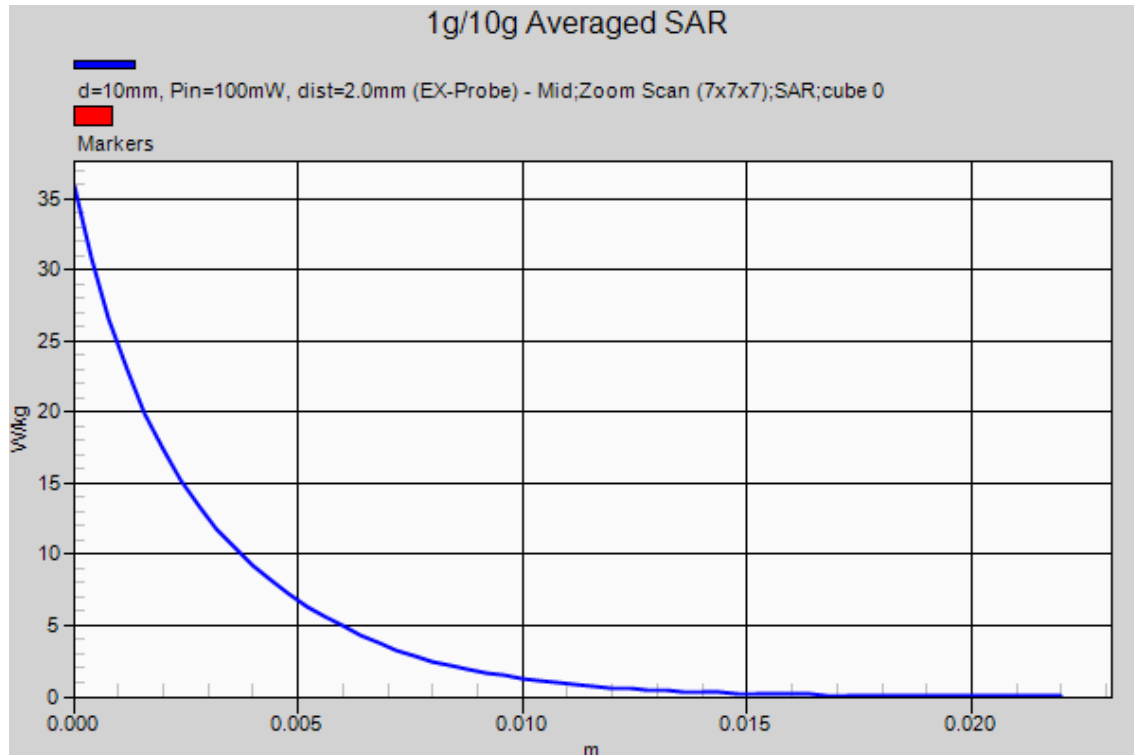
Zoom Scan (7x7x11)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 66.33 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 35.9 W/kg

SAR(1 g) = 8.4 W/kg; SAR(10 g) = 2.41 W/kg

Maximum value of SAR (measured) = 17.4 W/kg



DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: 1166

Communication System: CW; Frequency: 5800 MHz

Medium parameters used: $f = 5800$ MHz; $\sigma = 5.093$ S/m; $\epsilon_r = 35.860$; $\rho = 1000$ kg/m³

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(4.69, 4.69, 4.69); Calibrated: 2014/12/16;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 21.0$

Electronics: DAE4 Sn1409; Calibrated: 2014/12/16

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

MEASUREMENT SW: DASY52, VERSION 52.8 (8);

Test date: 2015-4-23; Ambient Temp: 21.7; Tissue Temp: 21.4

5800 MHz System Verification -Head-

Area Scan (5x6x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 14.8 W/kg

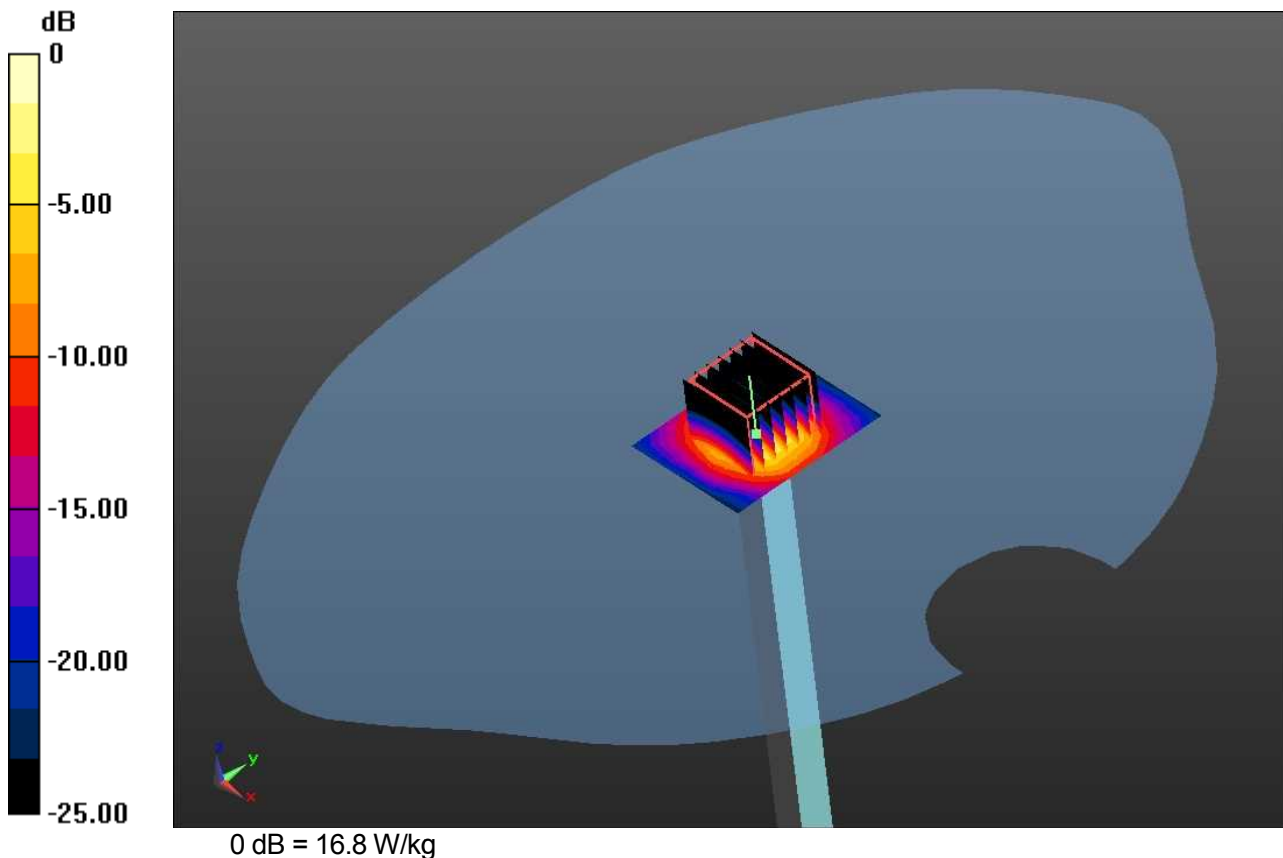
Zoom Scan (7x7x11)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 62.53 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 35.5 W/kg

SAR(1 g) = 8.03 W/kg; SAR(10 g) = 2.3 W/kg

Maximum value of SAR (measured) = 16.8 W/kg



DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: 1166

Communication System: CW; Frequency: 5800 MHz

Medium parameters used: $f = 5800$ MHz; $\sigma = 5.093$ S/m; $\epsilon_r = 35.860$; $\rho = 1000$ kg/m³

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(4.69, 4.69, 4.69); Calibrated: 2014/12/16;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 21.0$

Electronics: DAE4 Sn1409; Calibrated: 2014/12/16

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

MEASUREMENT SW: DASY52, VERSION 52.8 (8);

Test date: 2015-4-23; Ambient Temp: 21.7; Tissue Temp: 21.4

5800 MHz System Verification -Head-

Area Scan (5x6x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 14.8 W/kg

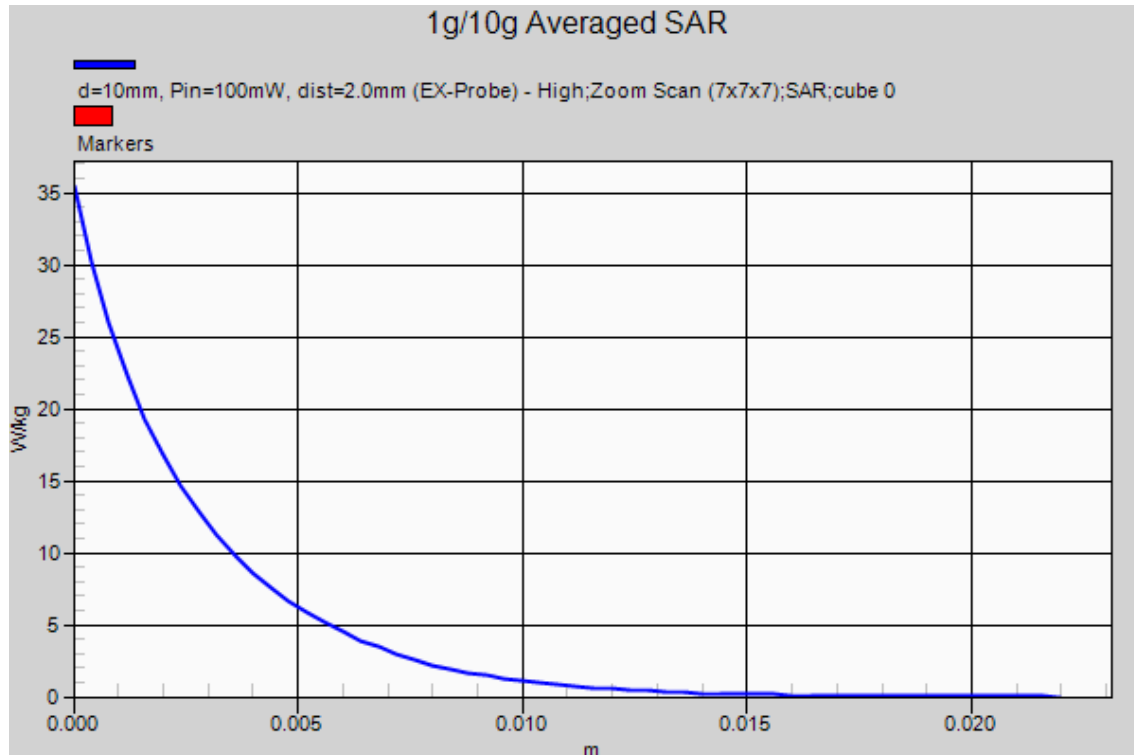
Zoom Scan (7x7x11)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 62.53 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 35.5 W/kg

SAR(1 g) = 8.03 W/kg; SAR(10 g) = 2.3 W/kg

Maximum value of SAR (measured) = 16.8 W/kg



DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: 1166

Communication System: CW; Frequency: 5200 MHz

Medium parameters used: $f = 5200$ MHz; $\sigma = 5.21$ S/m; $\epsilon_r = 49.714$; $\rho = 1000$ kg/m³

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(4.49, 4.49, 4.49); Calibrated: 2014/12/16;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 21.0$

Electronics: DAE4 Sn1409; Calibrated: 2014/12/16

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

MEASUREMENT SW: DASY52, VERSION 52.8 (8);

Test date: 2015-4-24; Ambient Temp: 21.4; Tissue Temp: 20.3

5200 MHz System Verification -Body-

Area Scan (5x6x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 14.5 W/kg

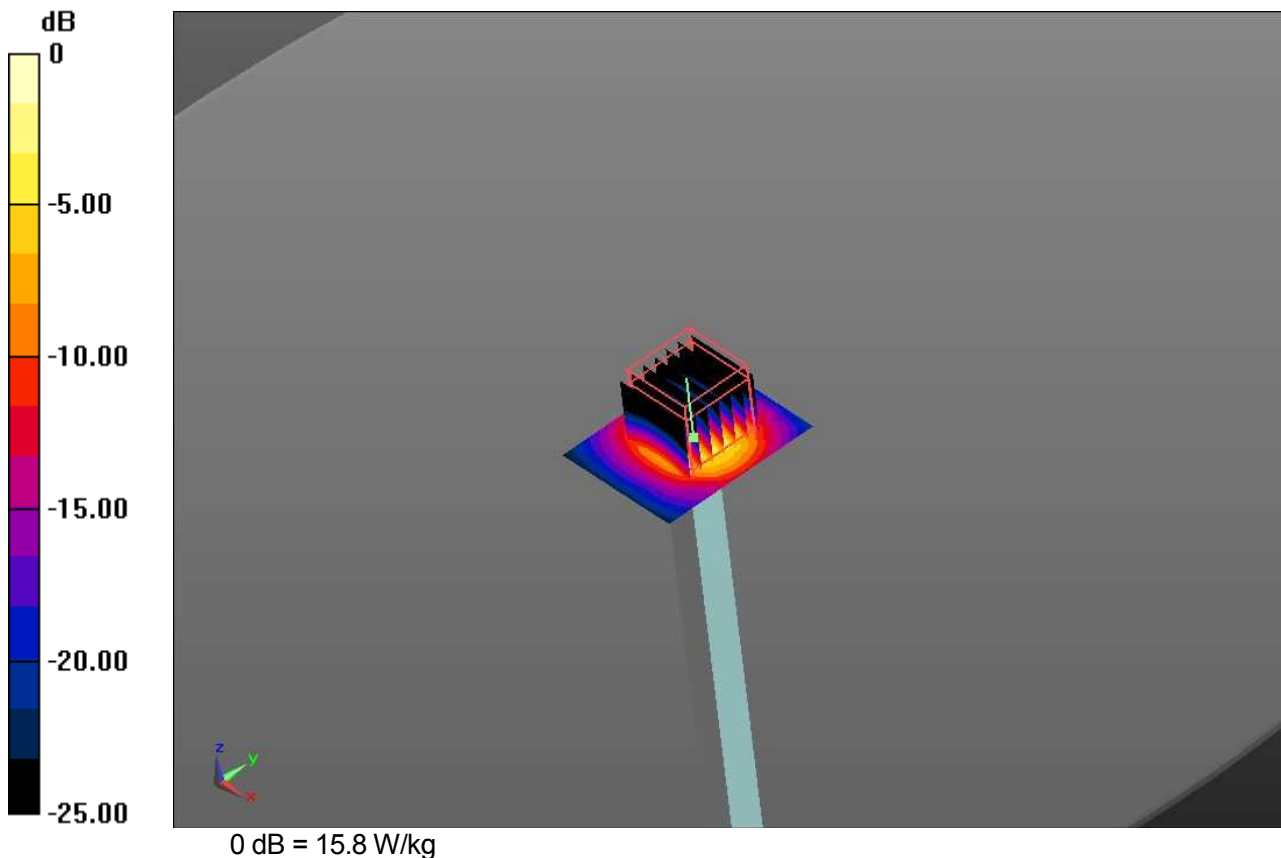
Zoom Scan (7x7x11)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 57.15 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 33.1 W/kg

SAR(1 g) = 7.59 W/kg; SAR(10 g) = 2.14 W/kg

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



DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: 1166

Communication System: CW; Frequency: 5200 MHz

Medium parameters used: $f = 5200$ MHz; $\sigma = 5.21$ S/m; $\epsilon_r = 49.714$; $\rho = 1000$ kg/m³

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(4.49, 4.49, 4.49); Calibrated: 2014/12/16;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 21.0$

Electronics: DAE4 Sn1409; Calibrated: 2014/12/16

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

MEASUREMENT SW: DASY52, VERSION 52.8 (8);

Test date: 2015-4-24; Ambient Temp: 21.4; Tissue Temp: 20.3

5200 MHz System Verification -Body-

Area Scan (5x6x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 14.5 W/kg

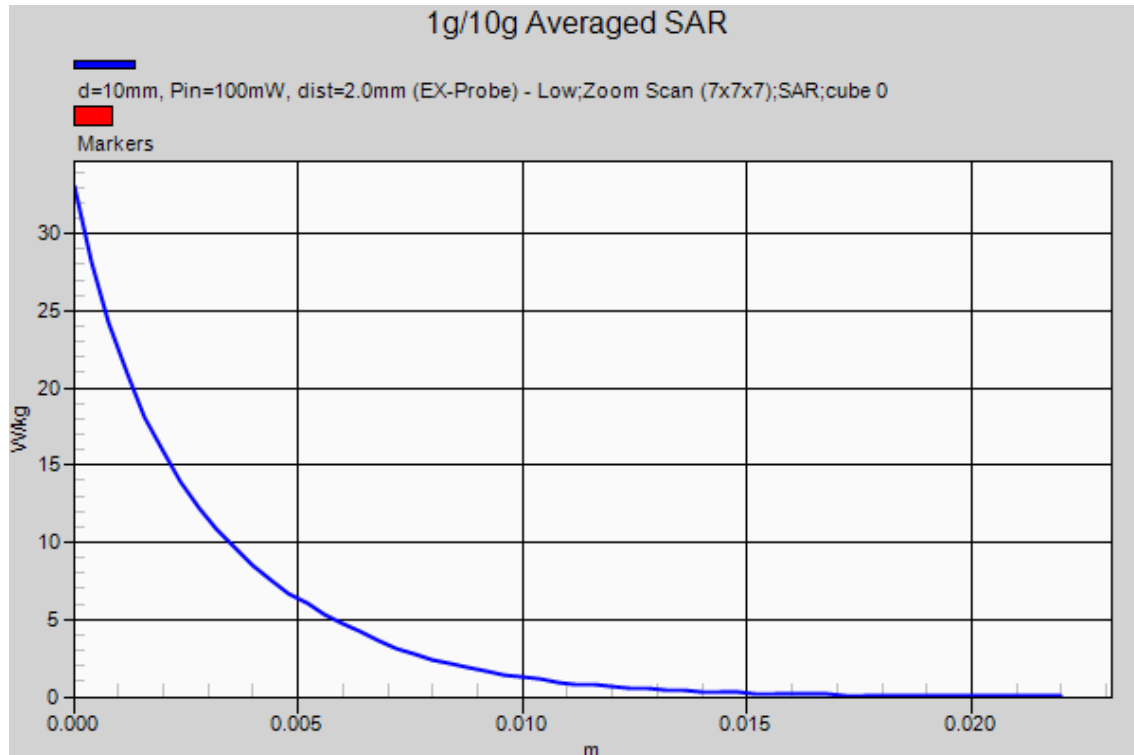
Zoom Scan (7x7x11)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 57.15 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 33.1 W/kg

SAR(1 g) = 7.59 W/kg; SAR(10 g) = 2.14 W/kg

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



DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: 1166

Communication System: CW; Frequency: 5500 MHz

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.673$ S/m; $\epsilon_r = 49.418$; $\rho = 1000$ kg/m³

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(4.01, 4.01, 4.01); Calibrated: 2014/12/16;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 21.0$

Electronics: DAE4 Sn1409; Calibrated: 2014/12/16

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

MEASUREMENT SW: DASY52, VERSION 52.8 (8);

Test date: 2015-4-24; Ambient Temp: 21.4; Tissue Temp: 20.3

5500 MHz System Verification -Body-

Area Scan (5x6x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

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

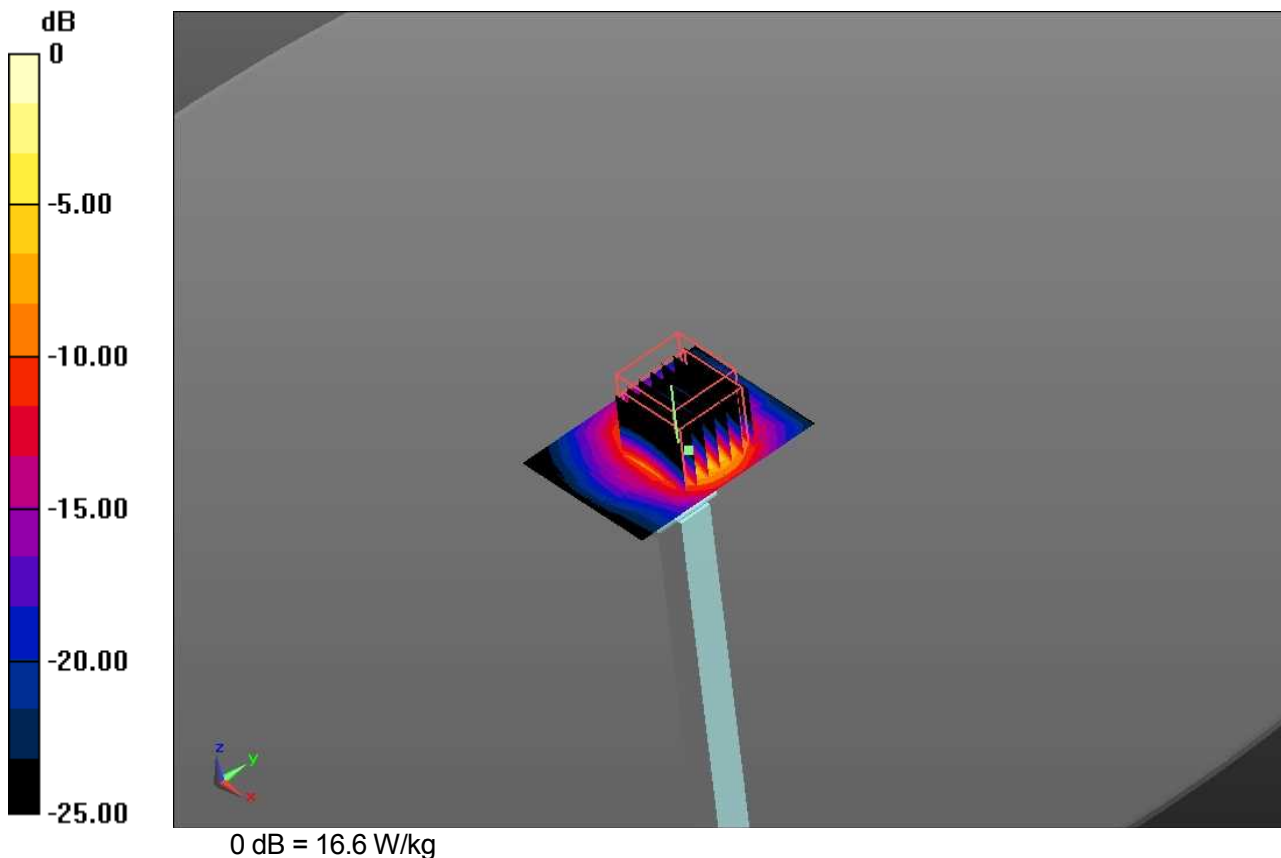
Zoom Scan (7x7x11)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 56.92 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 35.3 W/kg

SAR(1 g) = 8.01 W/kg; SAR(10 g) = 2.2 W/kg

Maximum value of SAR (measured) = 16.6 W/kg



DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: 1166

Communication System: CW; Frequency: 5500 MHz

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.673$ S/m; $\epsilon_r = 49.418$; $\rho = 1000$ kg/m³

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(4.01, 4.01, 4.01); Calibrated: 2014/12/16;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 21.0$

Electronics: DAE4 Sn1409; Calibrated: 2014/12/16

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

MEASUREMENT SW: DASY52, VERSION 52.8 (8);

Test date: 2015-4-24; Ambient Temp: 21.4; Tissue Temp: 20.3

5500 MHz System Verification -Body-

Area Scan (5x6x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

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

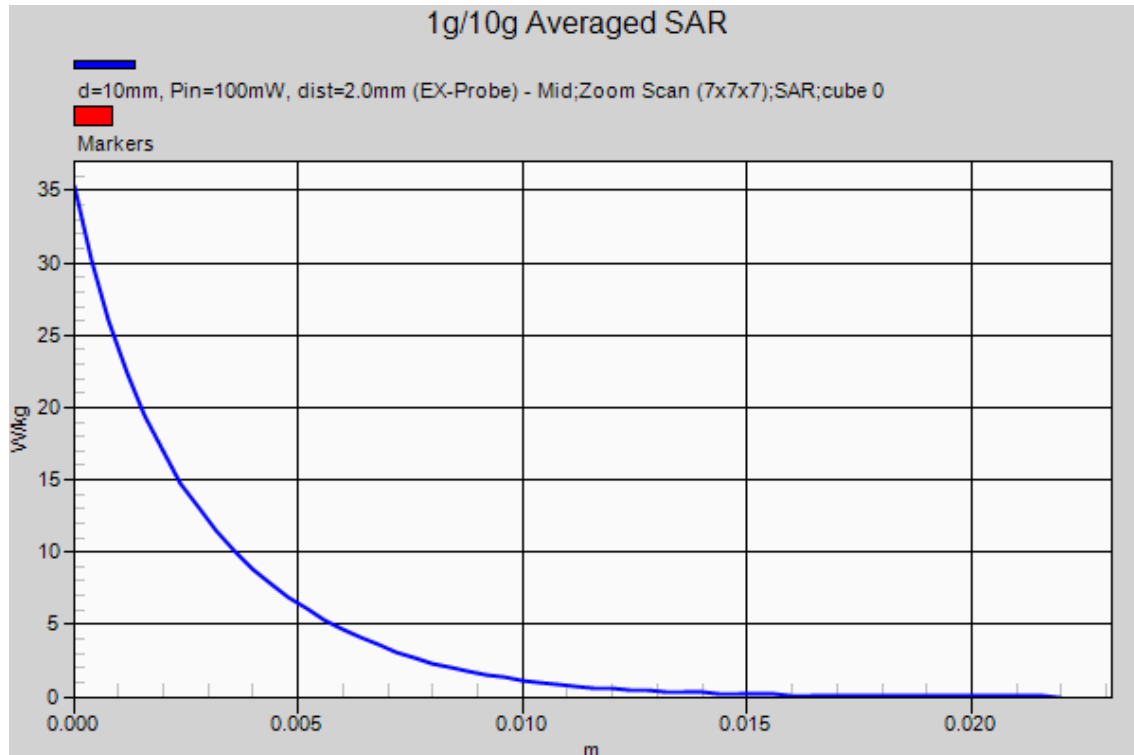
Zoom Scan (7x7x11)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 56.92 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 35.3 W/kg

SAR(1 g) = 8.01 W/kg; SAR(10 g) = 2.2 W/kg

Maximum value of SAR (measured) = 16.6 W/kg



DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: 1166

Communication System: CW; Frequency: 5800 MHz

Medium parameters used: $f = 5800$ MHz; $\sigma = 6.145$ S/m; $\epsilon_r = 48.838$; $\rho = 1000$ kg/m³

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(4.03, 4.03, 4.03); Calibrated: 2014/12/16;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 21.0$

Electronics: DAE4 Sn1409; Calibrated: 2014/12/16

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

MEASUREMENT SW: DASY52, VERSION 52.8 (8);

Test date: 2015-4-24; Ambient Temp: 21.4; Tissue Temp: 20.3

5800 MHz System Verification -Body-

Area Scan (5x6x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

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

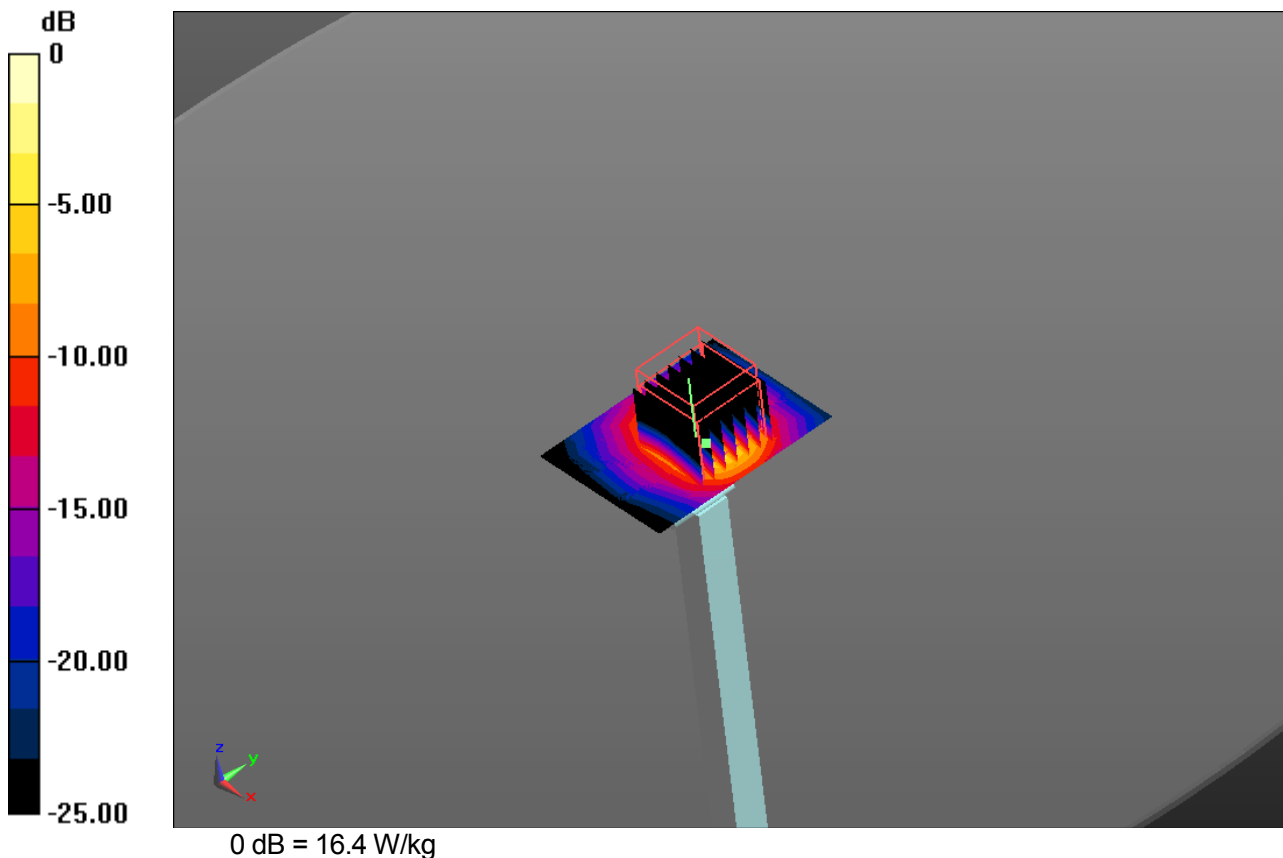
Zoom Scan (7x7x11)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 54.92 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 35.7 W/kg

SAR(1 g) = 7.71 W/kg; SAR(10 g) = 2.11 W/kg

Maximum value of SAR (measured) = 16.4 W/kg



DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: 1166

Communication System: CW; Frequency: 5800 MHz

Medium parameters used: $f = 5800$ MHz; $\sigma = 6.145$ S/m; $\epsilon_r = 48.838$; $\rho = 1000$ kg/m³

Phantom section: Flat section

DASY Configuration

Probe: EX3DV4 - SN3957; ConvF(4.03, 4.03, 4.03); Calibrated: 2014/12/16;

Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 21.0$

Electronics: DAE4 Sn1409; Calibrated: 2014/12/16

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

MEASUREMENT SW: DASY52, VERSION 52.8 (8);

Test date: 2015-4-24; Ambient Temp: 21.4; Tissue Temp: 20.3

5800 MHz System Verification -Body-

Area Scan (5x6x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

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

Zoom Scan (7x7x11)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 54.92 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 35.7 W/kg

SAR(1 g) = 7.71 W/kg; SAR(10 g) = 2.11 W/kg

Maximum value of SAR (measured) = 16.4 W/kg

