

## 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/m<sup>3</sup>

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

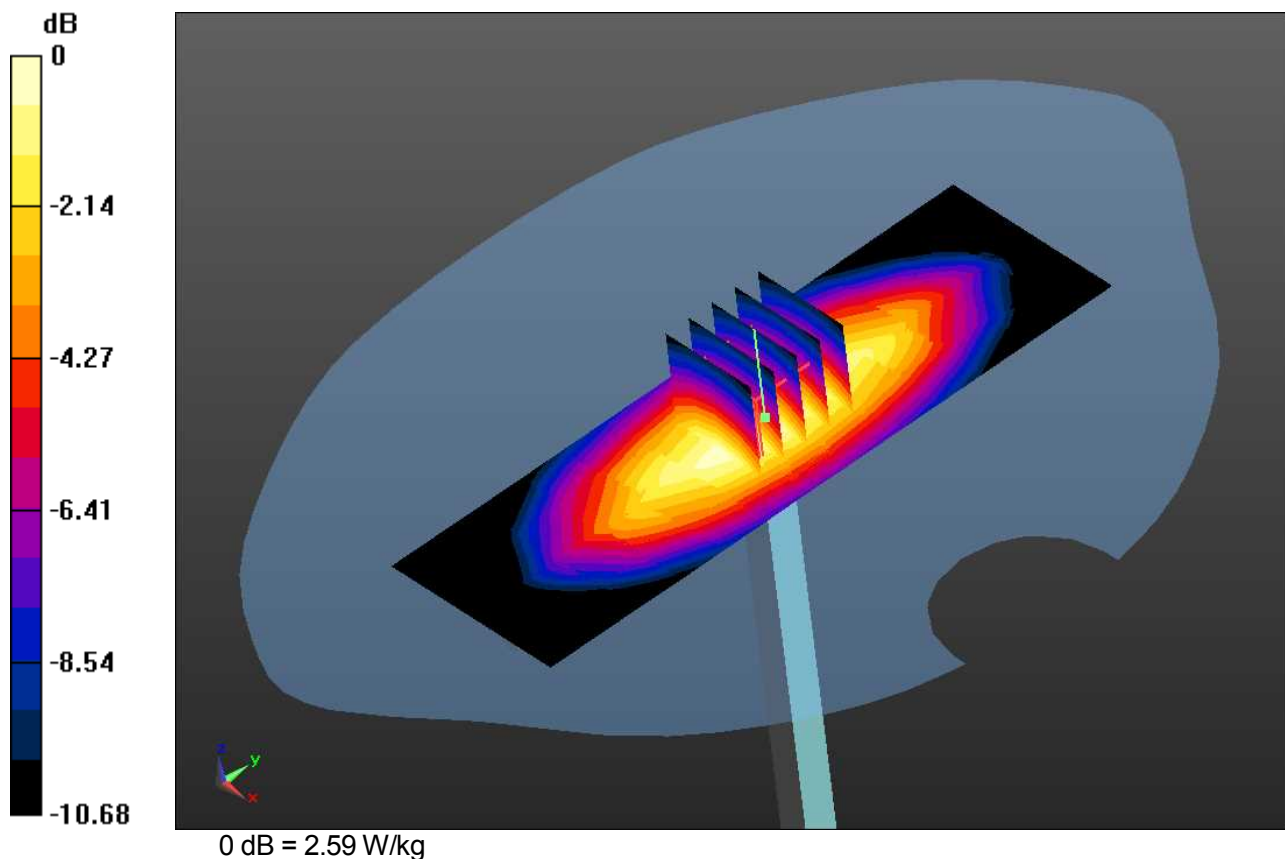
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

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:  $f = 750$  MHz;  $\sigma = 0.917$  S/m;  $\epsilon_r = 42.356$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 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)

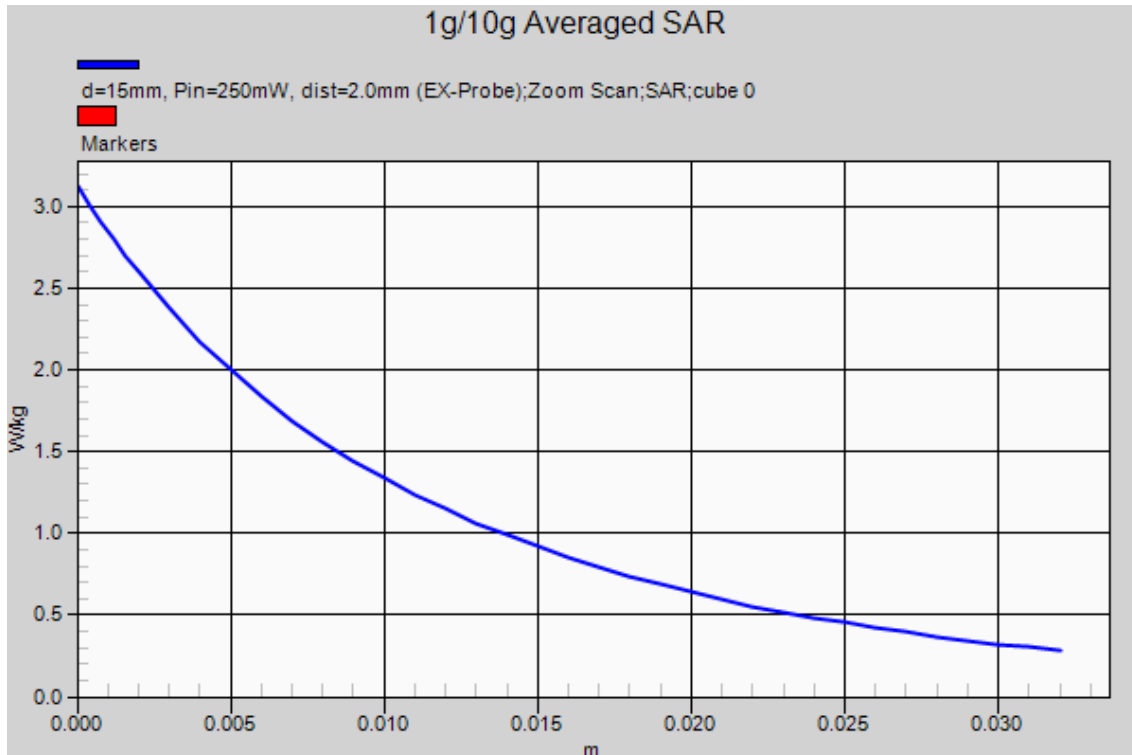
Test date: 2015-4-28; Ambient Temp: 23.2; Tissue Temp: 22.7

### 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:  $f = 750$  MHz;  $\sigma = 0.985$  S/m;  $\epsilon_r = 54.518$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 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)

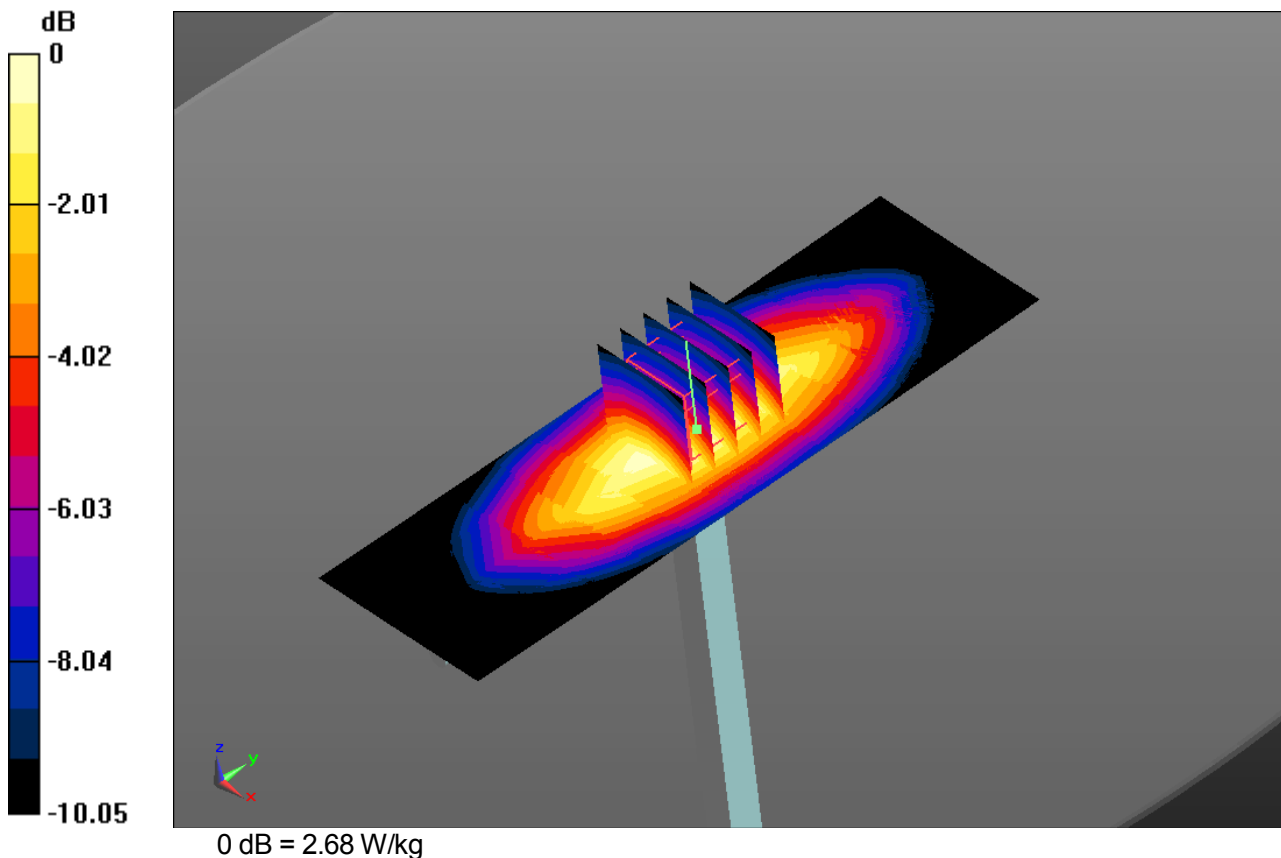
Test date: 2015-4-29; Ambient Temp: 22.8; Tissue Temp: 22.2

### 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/m<sup>3</sup>  
 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)

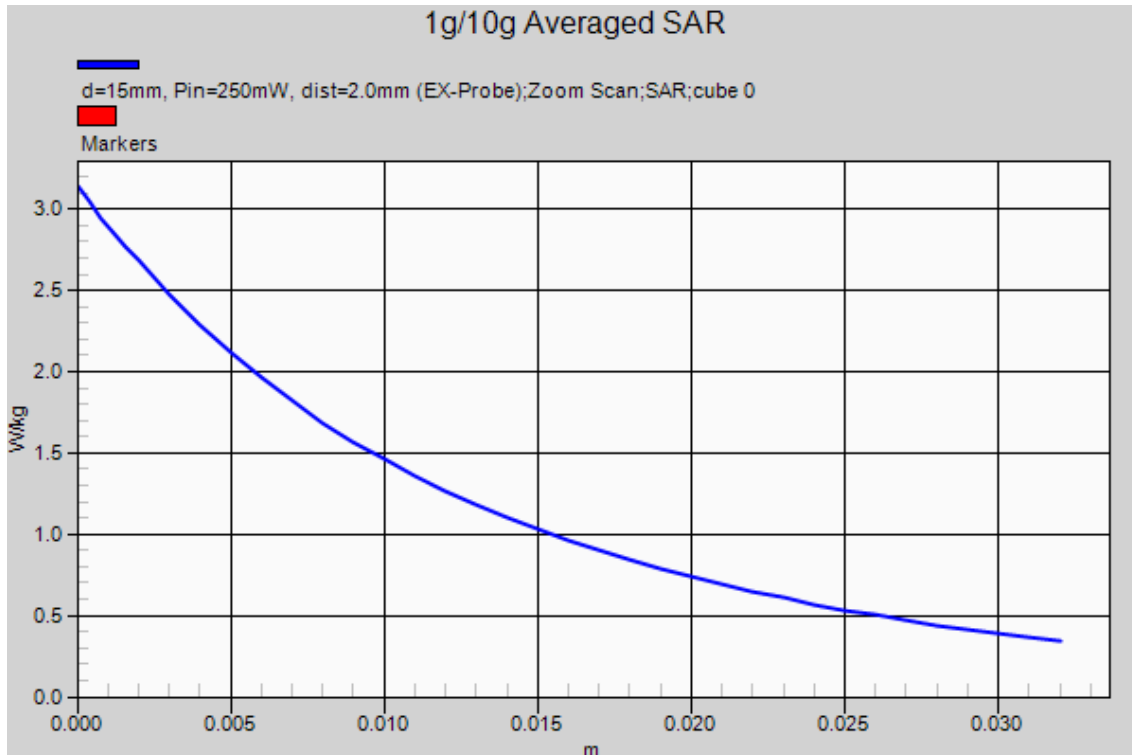
Test date: 2015-4-29; Ambient Temp: 22.8; Tissue Temp: 22.2

### 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:  $f = 835$  MHz;  $\sigma = 0.901$  S/m;  $\epsilon_r = 41.791$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 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)

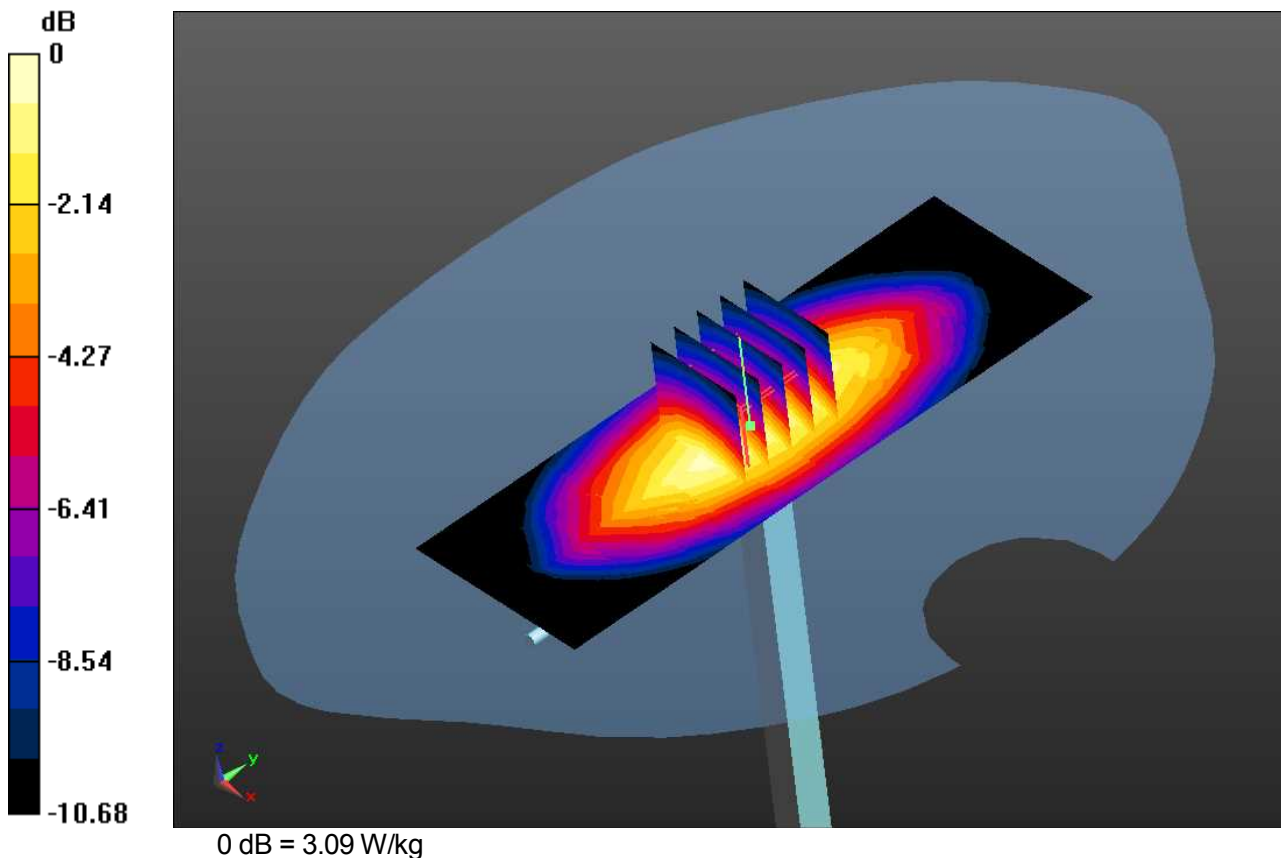
Test date: 2015-4-27; Ambient Temp: 21.1; Tissue Temp: 20.8

### 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;  $\sigma = 0.901$  S/m;  $\epsilon_r = 41.791$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 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)

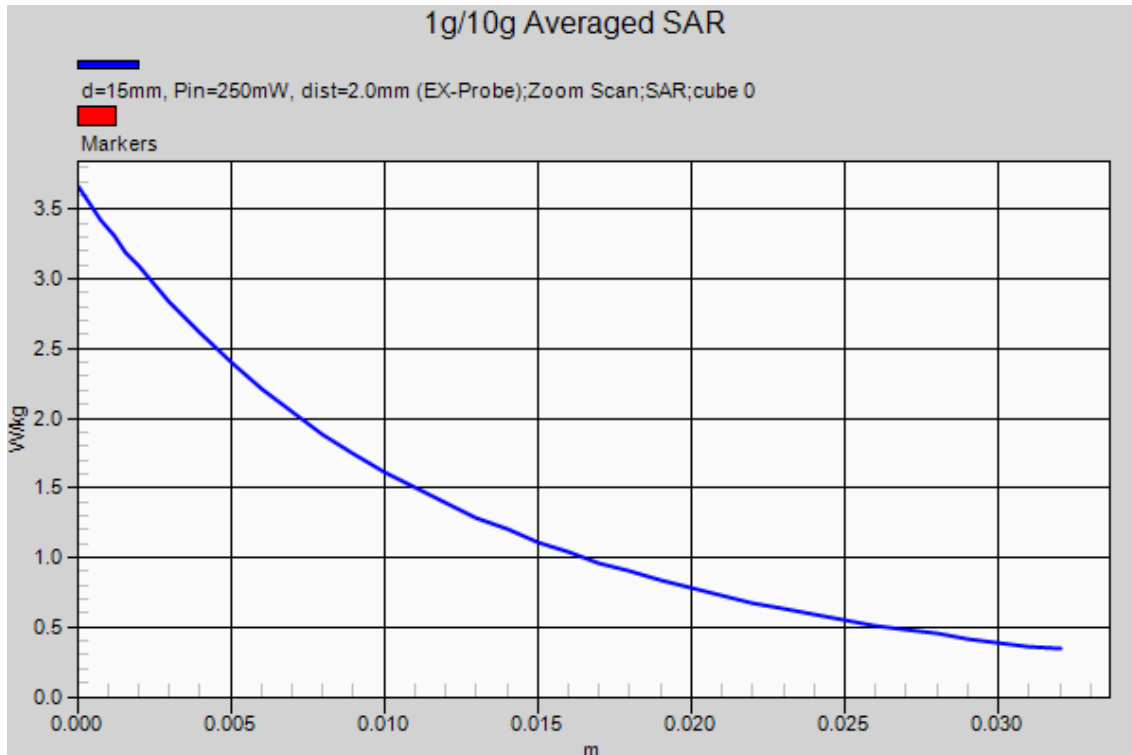
Test date: 2015-4-27; Ambient Temp: 21.1; Tissue Temp: 20.8

### 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/m<sup>3</sup>  
 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)

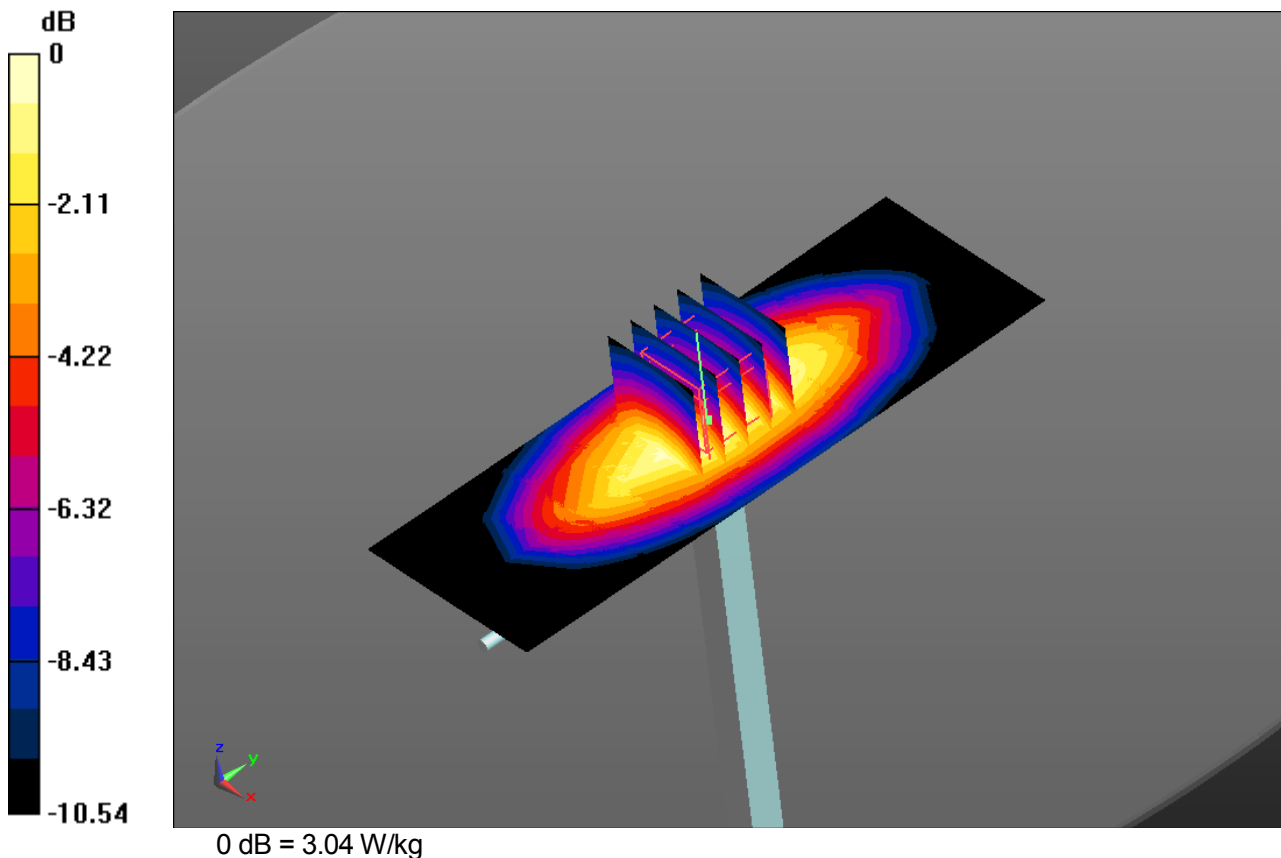
Test date: 2015-4-27; Ambient Temp: 23.6; Tissue Temp: 22.4

### 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:  $f = 835$  MHz;  $\sigma = 1.018$  S/m;  $\epsilon_r = 53.809$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 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)

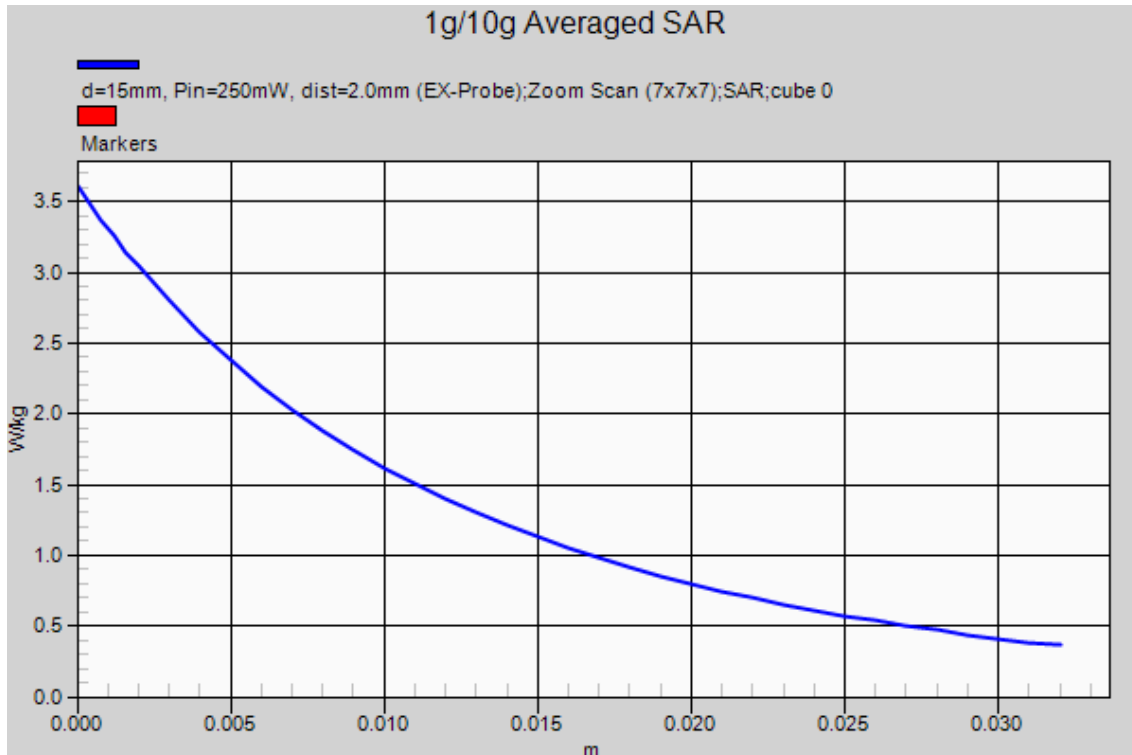
Test date: 2015-4-27; Ambient Temp: 23.6; Tissue Temp: 22.4

### 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:  $f = 835$  MHz;  $\sigma = 0.917$  S/m;  $\epsilon_r = 40.532$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 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)

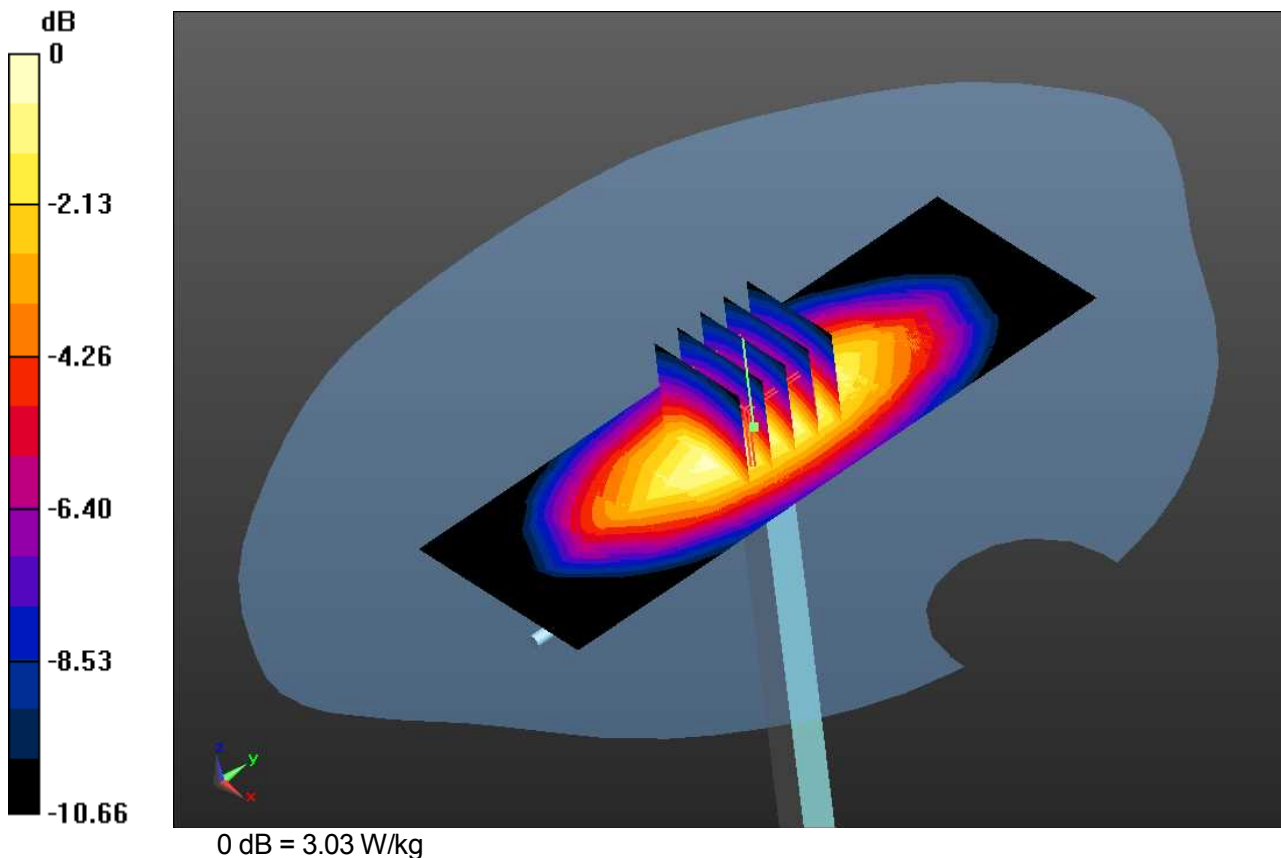
Test date: 2015-4-28; Ambient Temp: 21.7; Tissue Temp: 21.5

### 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;  $\sigma = 0.917$  S/m;  $\epsilon_r = 40.532$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 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)

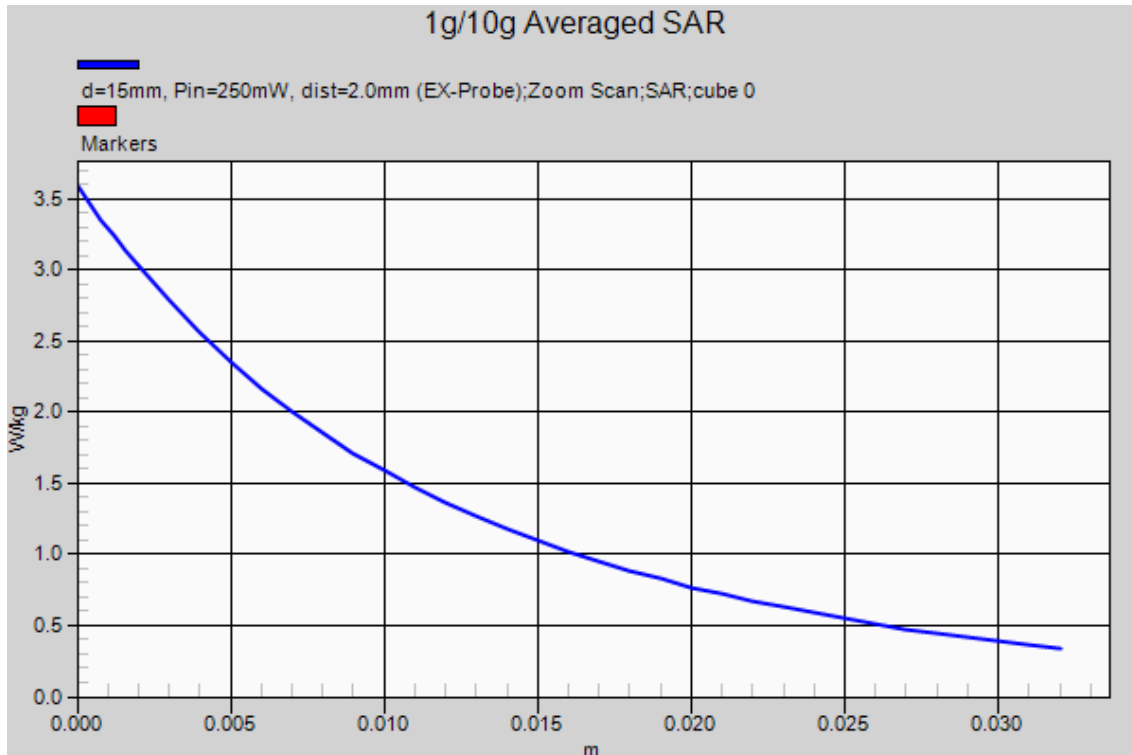
Test date: 2015-4-28; Ambient Temp: 21.7; Tissue Temp: 21.5

### 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/m<sup>3</sup>  
 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)

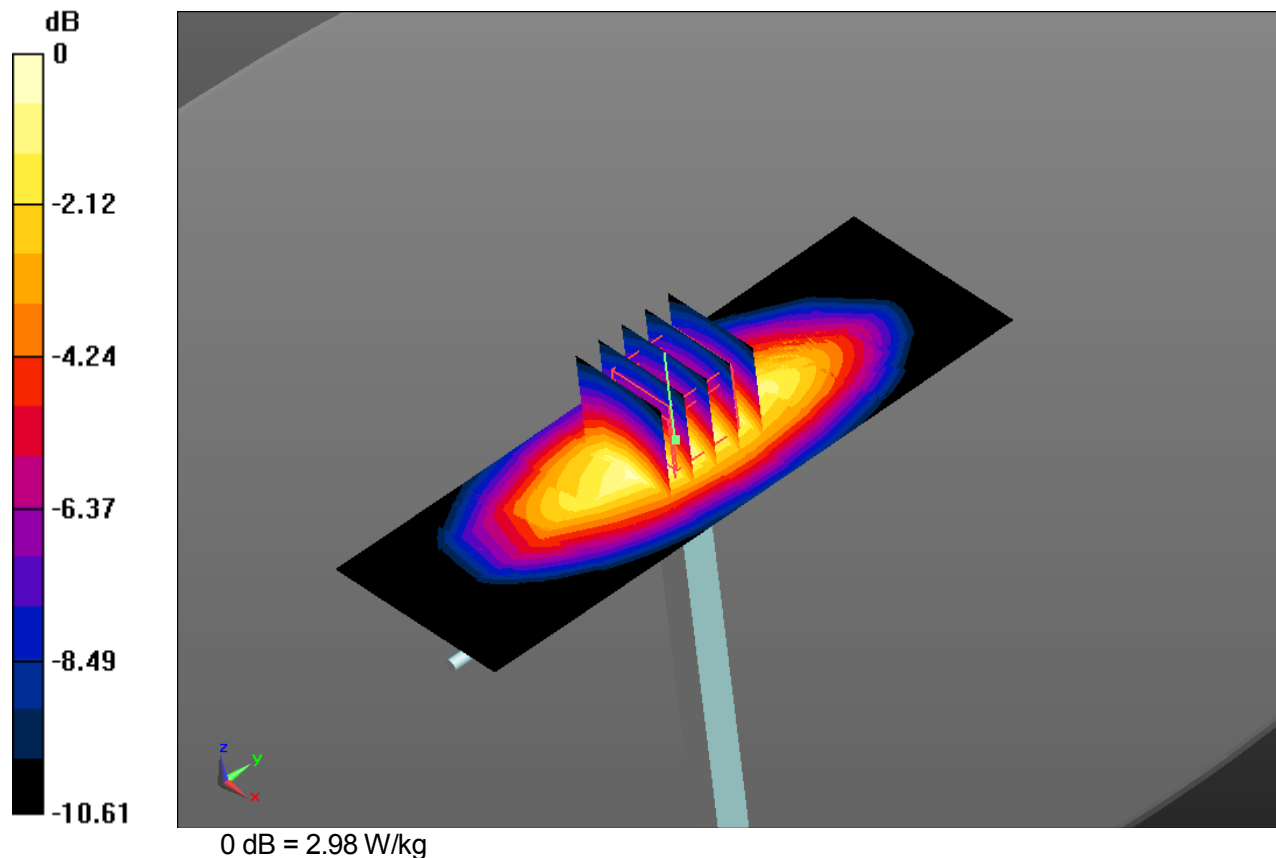
Test date: 2015-4-28; Ambient Temp: 23.1; Tissue Temp: 22.4

### 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:  $f = 835$  MHz;  $\sigma = 1.003$  S/m;  $\epsilon_r = 54.247$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 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)

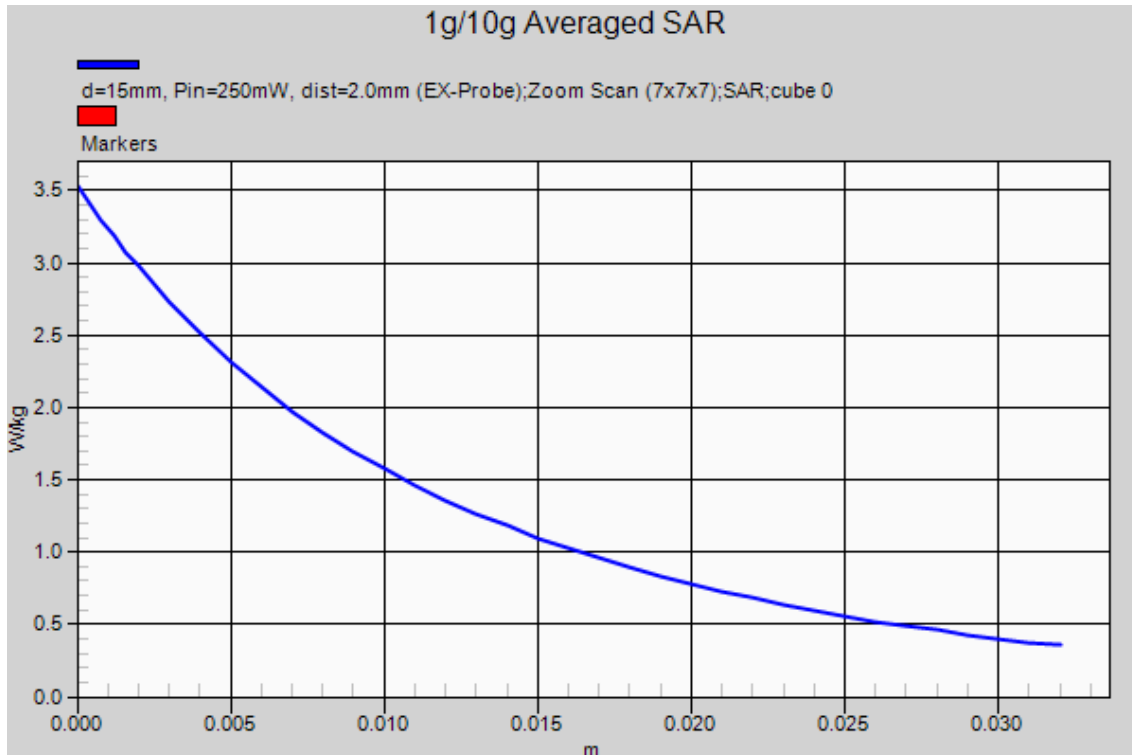
Test date: 2015-4-28; Ambient Temp: 23.1; Tissue Temp: 22.4

**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:  $f = 835$  MHz;  $\sigma = 0.911$  S/m;  $\epsilon_r = 40.775$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 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)

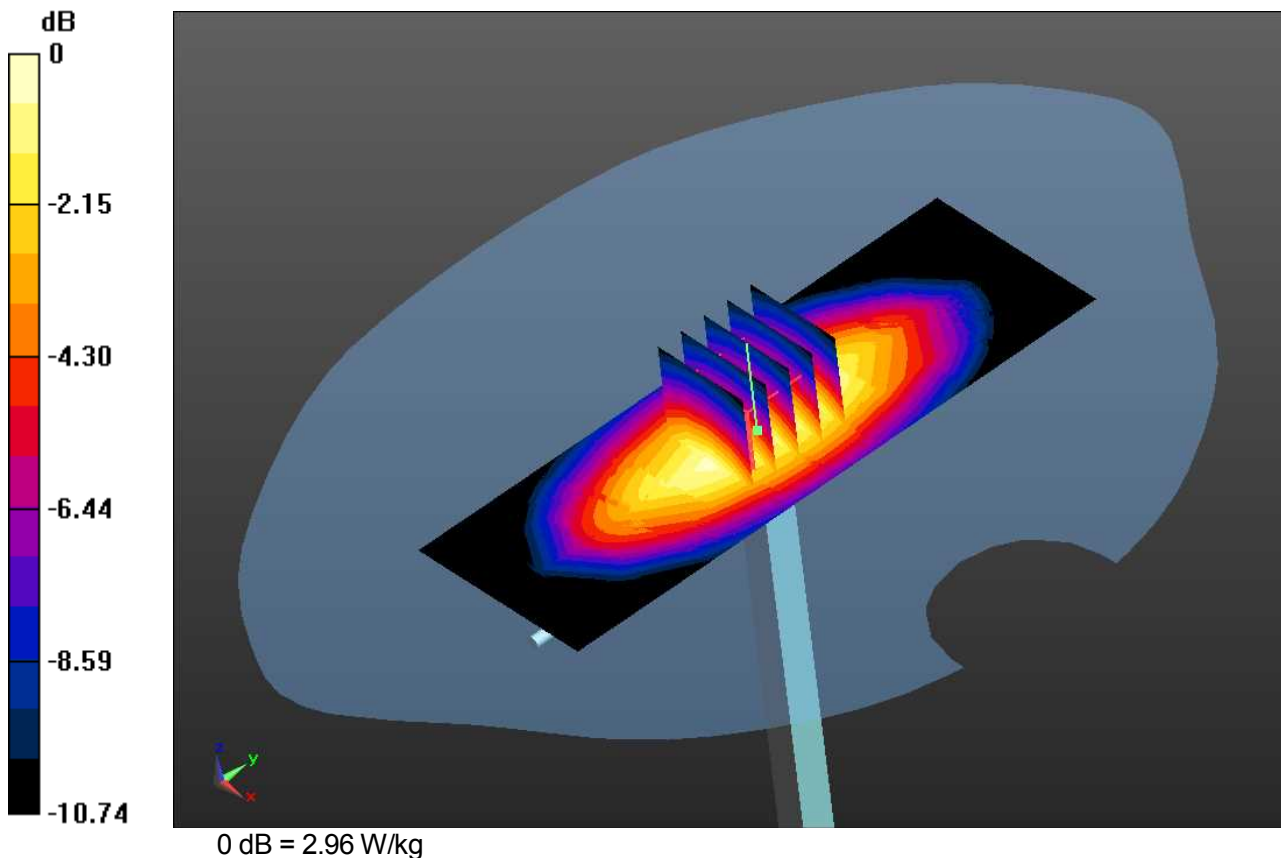
Test date: 2015-6-8; Ambient Temp: 23.4; Tissue Temp: 23.0

### 835 MHz System Verification -Head-

**Area Scan (5x13x1):** Measurement grid:  $dx=15$ 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 = 57.29 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:  $f = 835$  MHz;  $\sigma = 0.911$  S/m;  $\epsilon_r = 40.775$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 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)

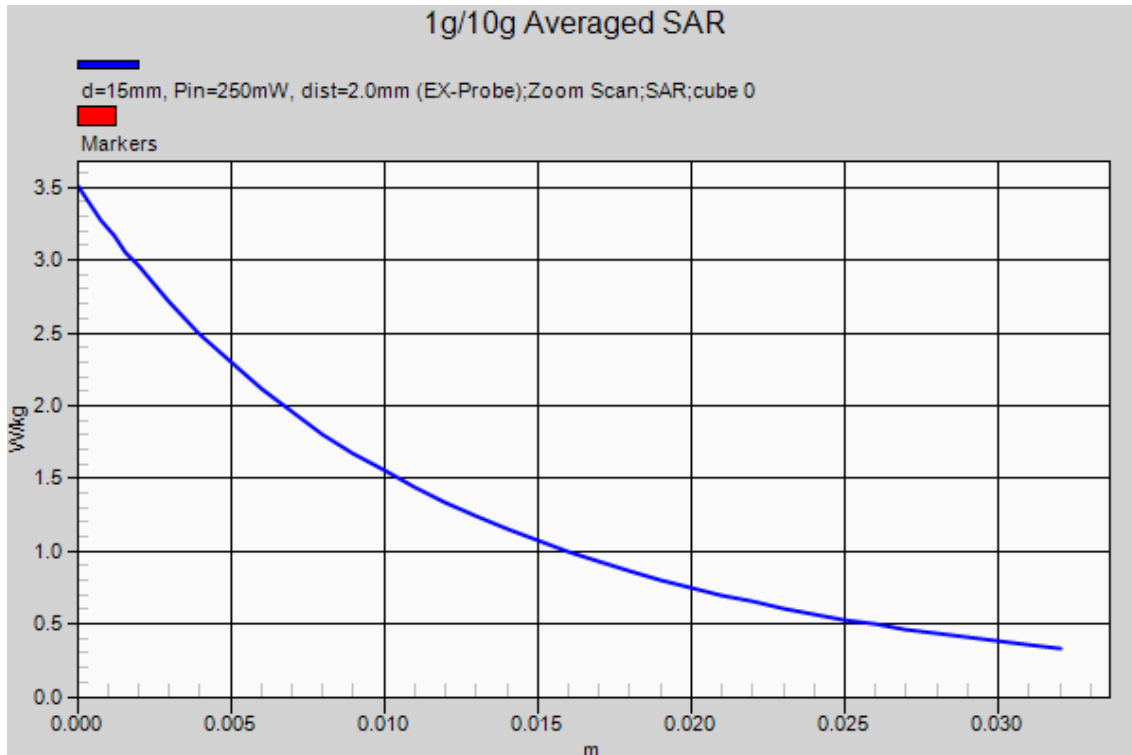
Test date: 2015-6-8; Ambient Temp: 23.4; Tissue Temp: 23.0

### 835 MHz System Verification -Head-

**Area Scan (5x13x1):** Measurement grid:  $dx=15$ 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 = 57.29 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:  $f = 835$  MHz;  $\sigma = 1.014$  S/m;  $\epsilon_r = 53.293$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 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)

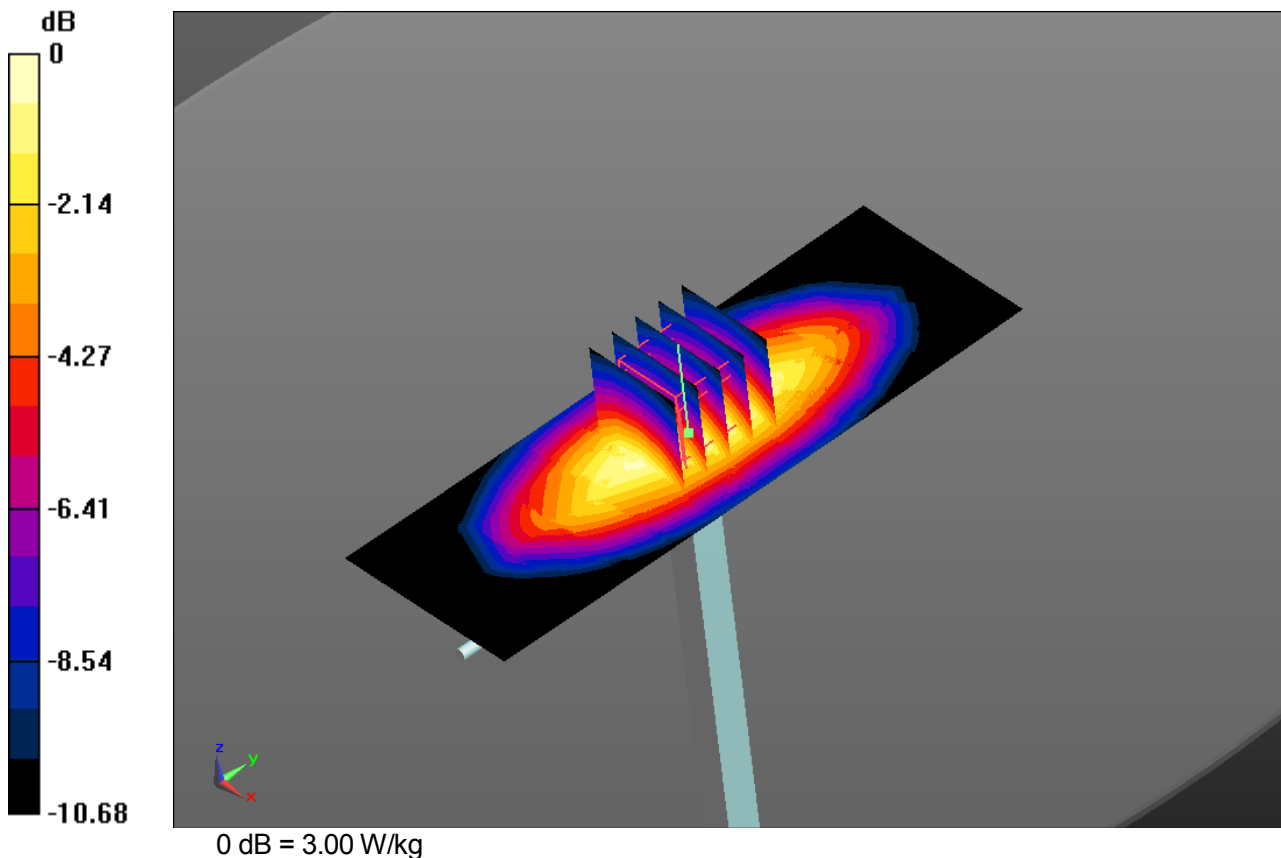
Test date: 2015-6-8; Ambient Temp: 23.2; Tissue Temp: 22.8

### 835 MHz System Verification -Body-

**Area Scan (5x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
 Maximum value of SAR (measured) = 2.99 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ 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:  $f = 835$  MHz;  $\sigma = 1.014$  S/m;  $\epsilon_r = 53.293$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 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)

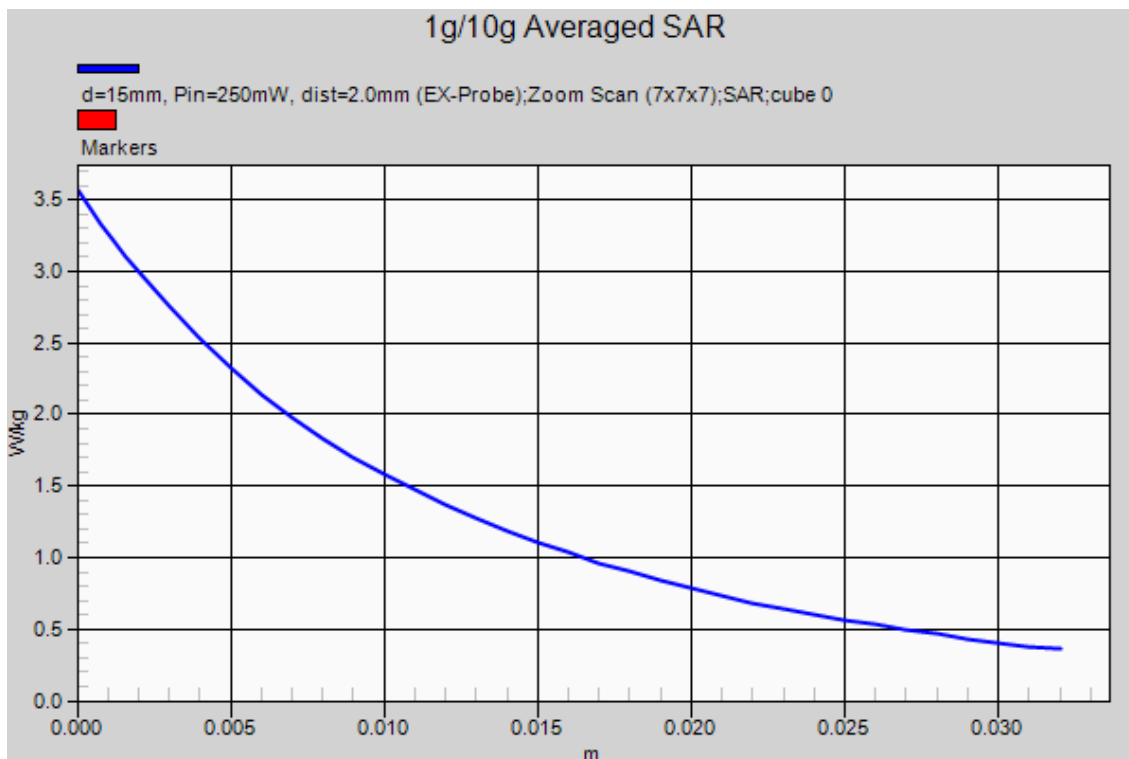
Test date: 2015-6-8; Ambient Temp: 23.2; Tissue Temp: 22.8

### 835 MHz System Verification -Body-

**Area Scan (5x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
 Maximum value of SAR (measured) = 2.99 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ 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/m<sup>3</sup>  
 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);

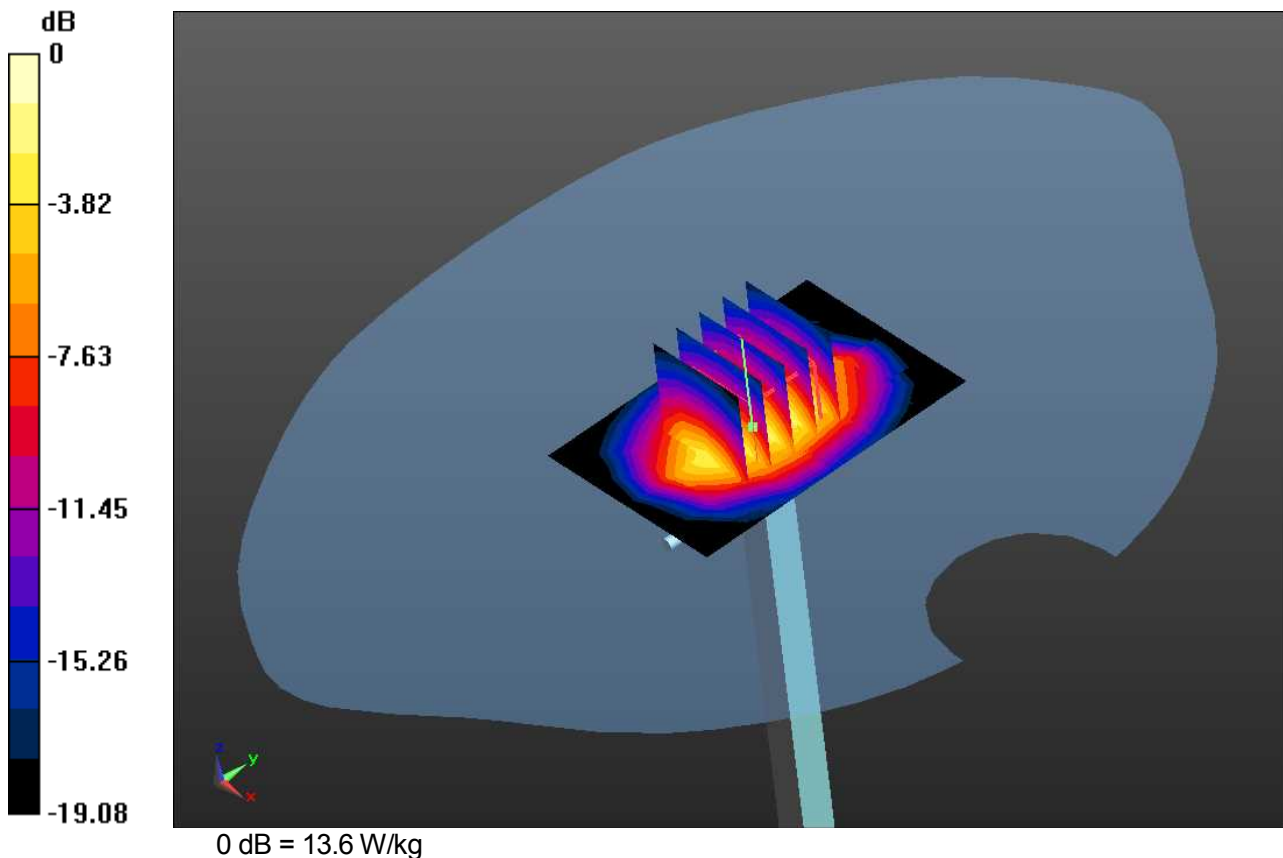
Test date: 2015-4-24; Ambient Temp: 22.6; Tissue Temp: 22.0

### 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/m<sup>3</sup>  
 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);

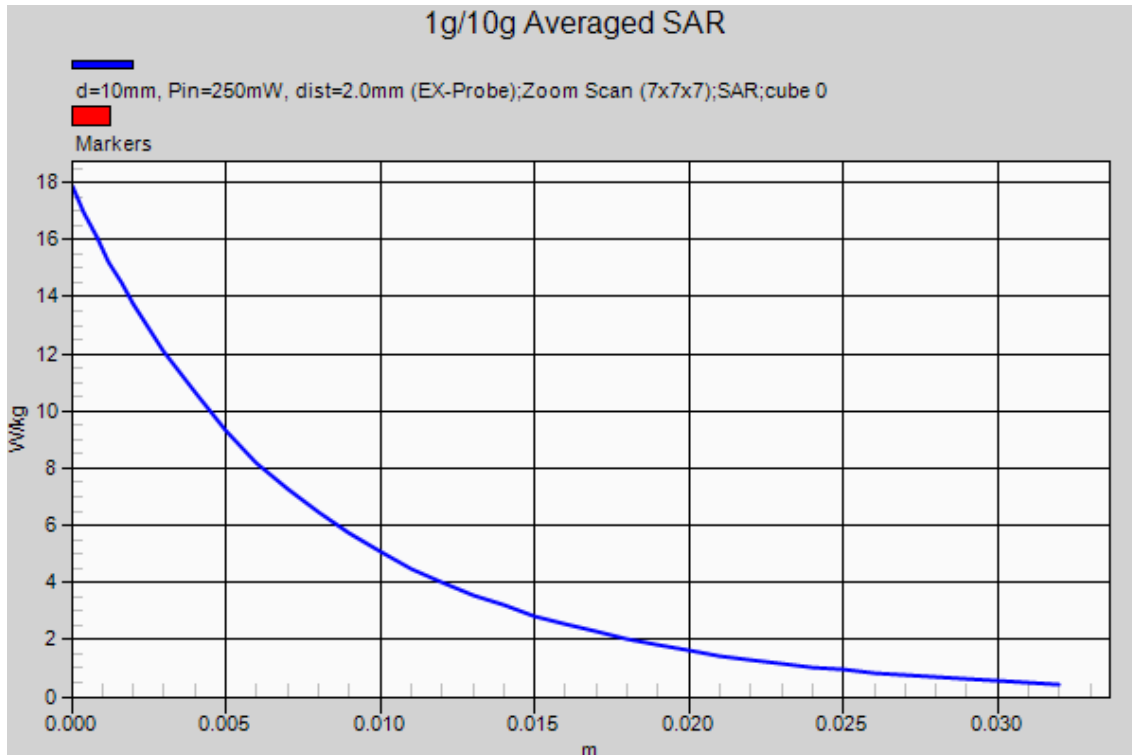
Test date: 2015-4-24; Ambient Temp: 22.6; Tissue Temp: 22.0

**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/m<sup>3</sup>  
 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);

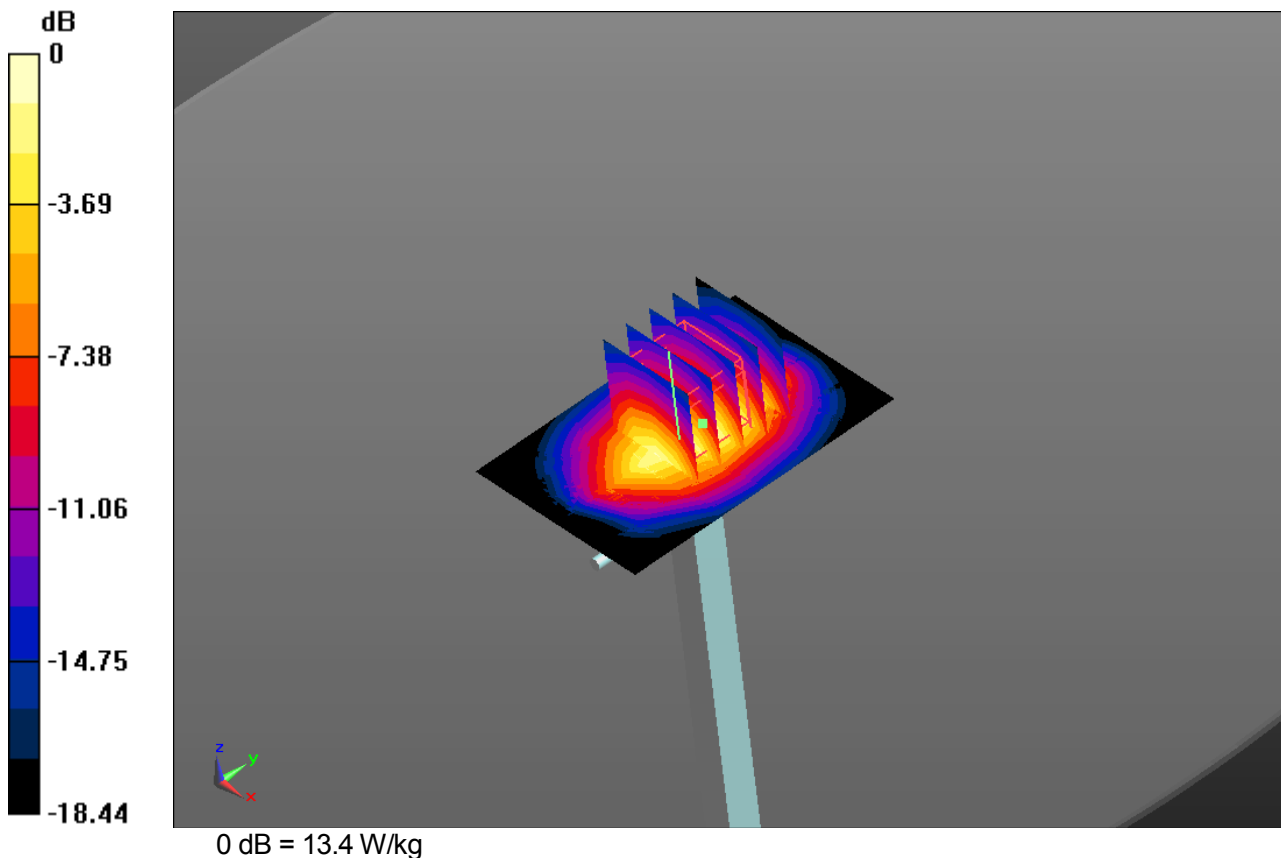
Test date: 2015-4-24; Ambient Temp: 22.3; Tissue Temp: 21.9

### 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/m<sup>3</sup>  
 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);

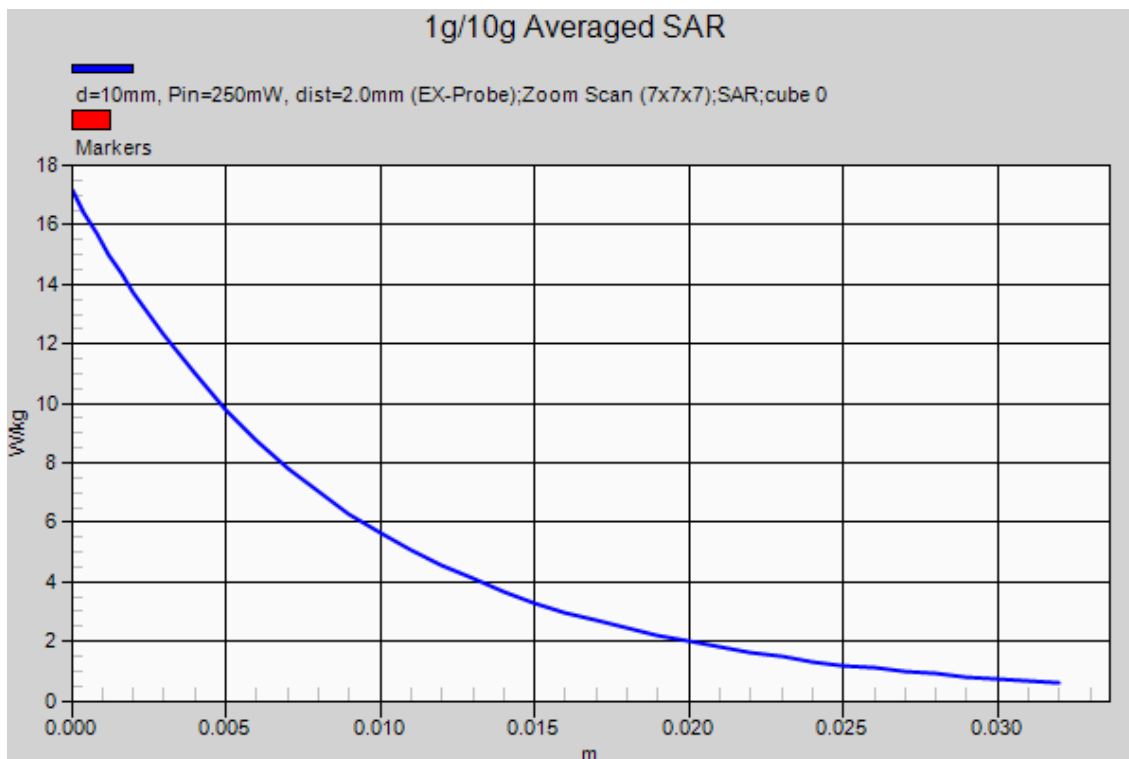
Test date: 2015-4-24; Ambient Temp: 22.3; Tissue Temp: 21.9

### 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/m<sup>3</sup>  
 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);

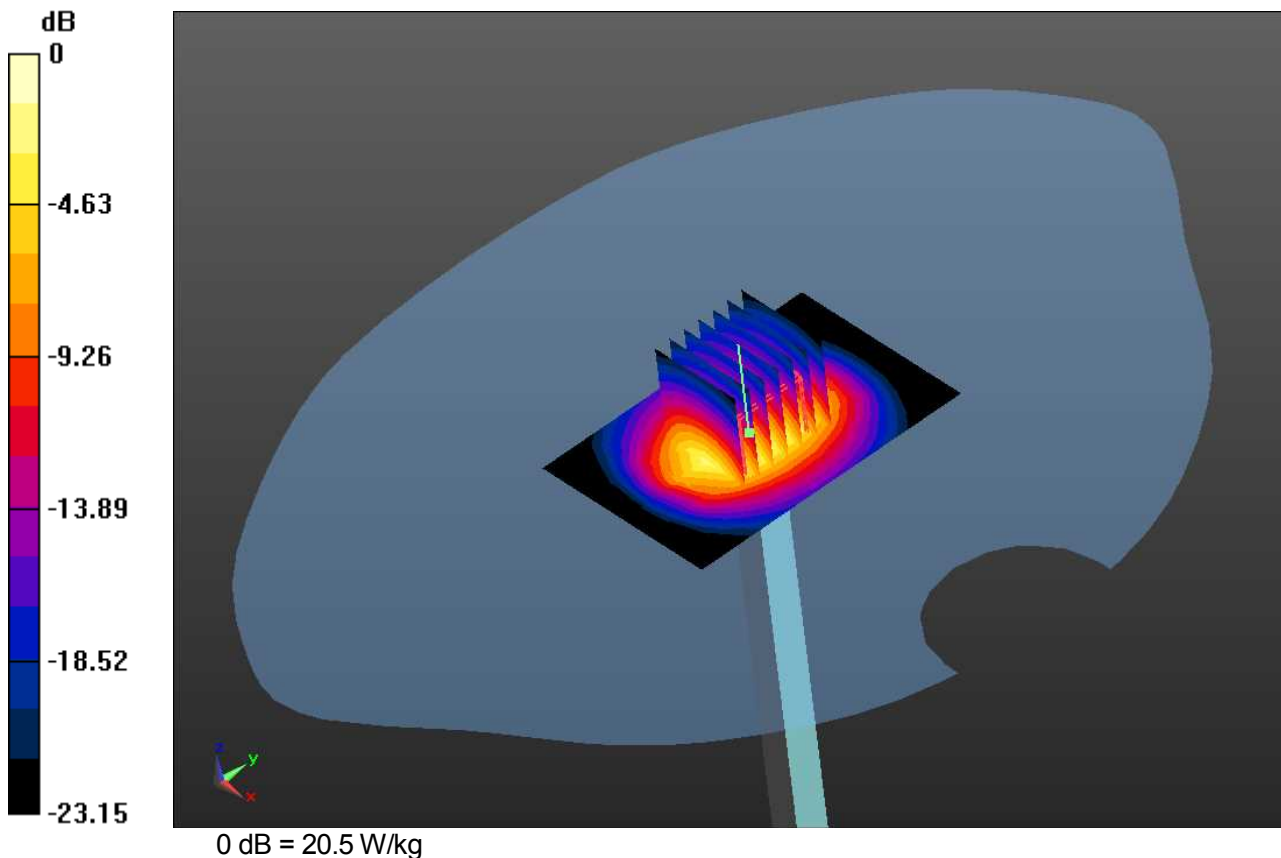
Test date: 2015-4-29; Ambient Temp: 23.3; Tissue Temp: 22.6

### 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/m<sup>3</sup>  
 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);

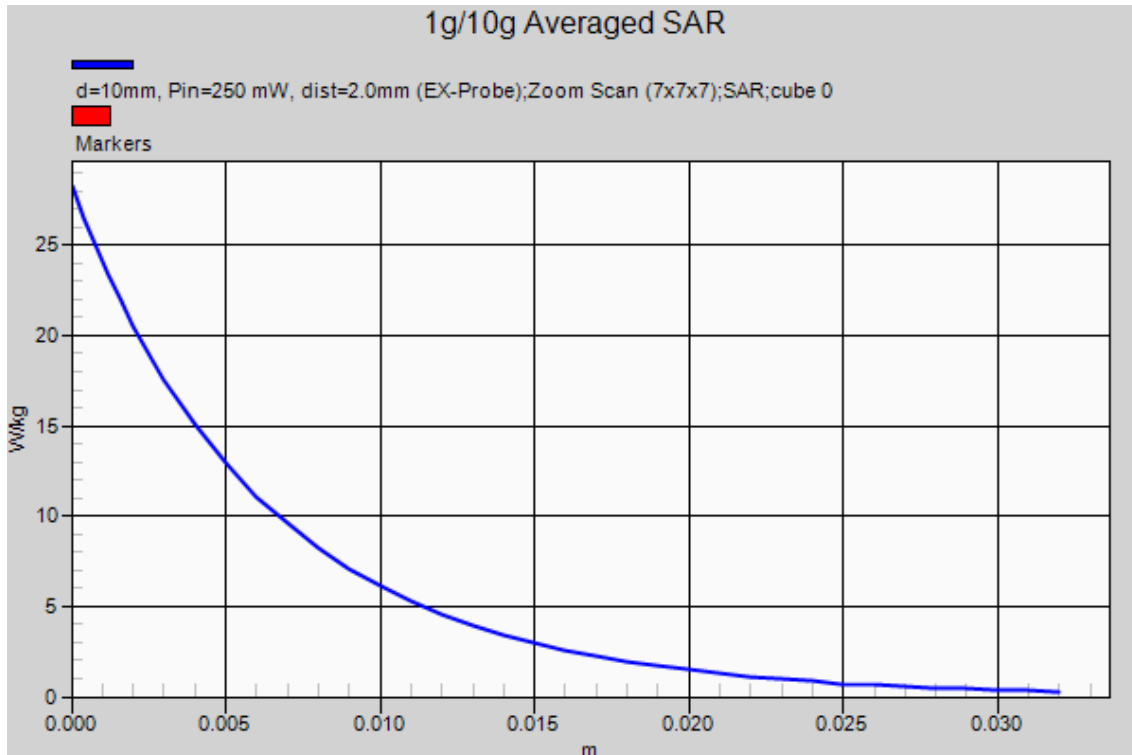
Test date: 2015-4-29; Ambient Temp: 23.3; Tissue Temp: 22.6

### 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/m<sup>3</sup>  
 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);

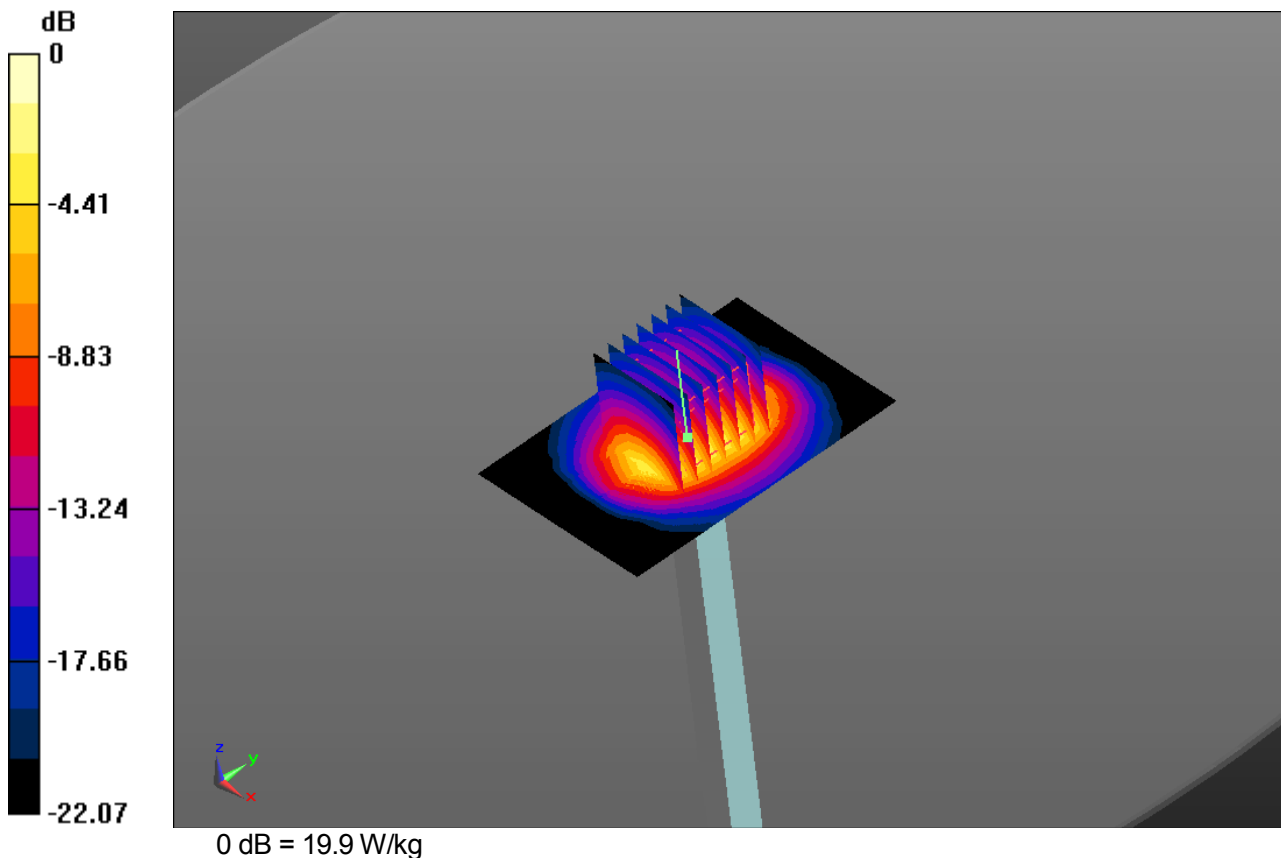
Test date: 2015-4-29; Ambient Temp: 23.3; Tissue Temp: 23.2

### 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/m<sup>3</sup>  
 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);

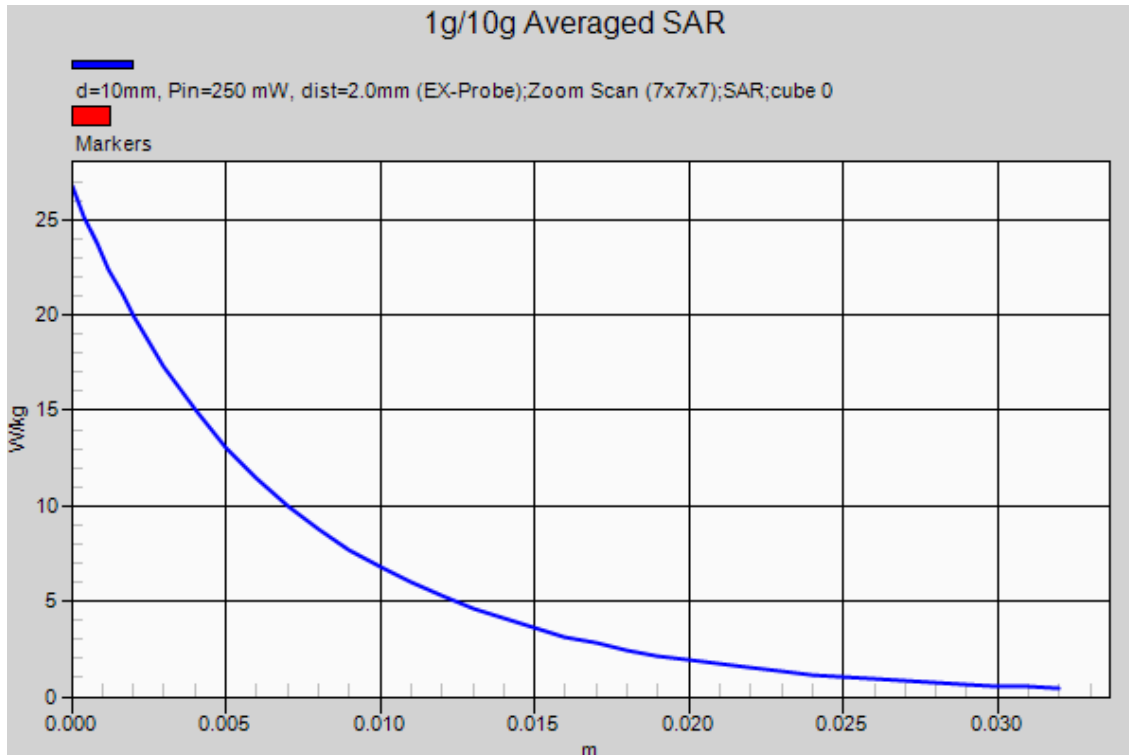
Test date: 2015-4-29; Ambient Temp: 23.3; Tissue Temp: 23.2

### 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/m<sup>3</sup>  
 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);

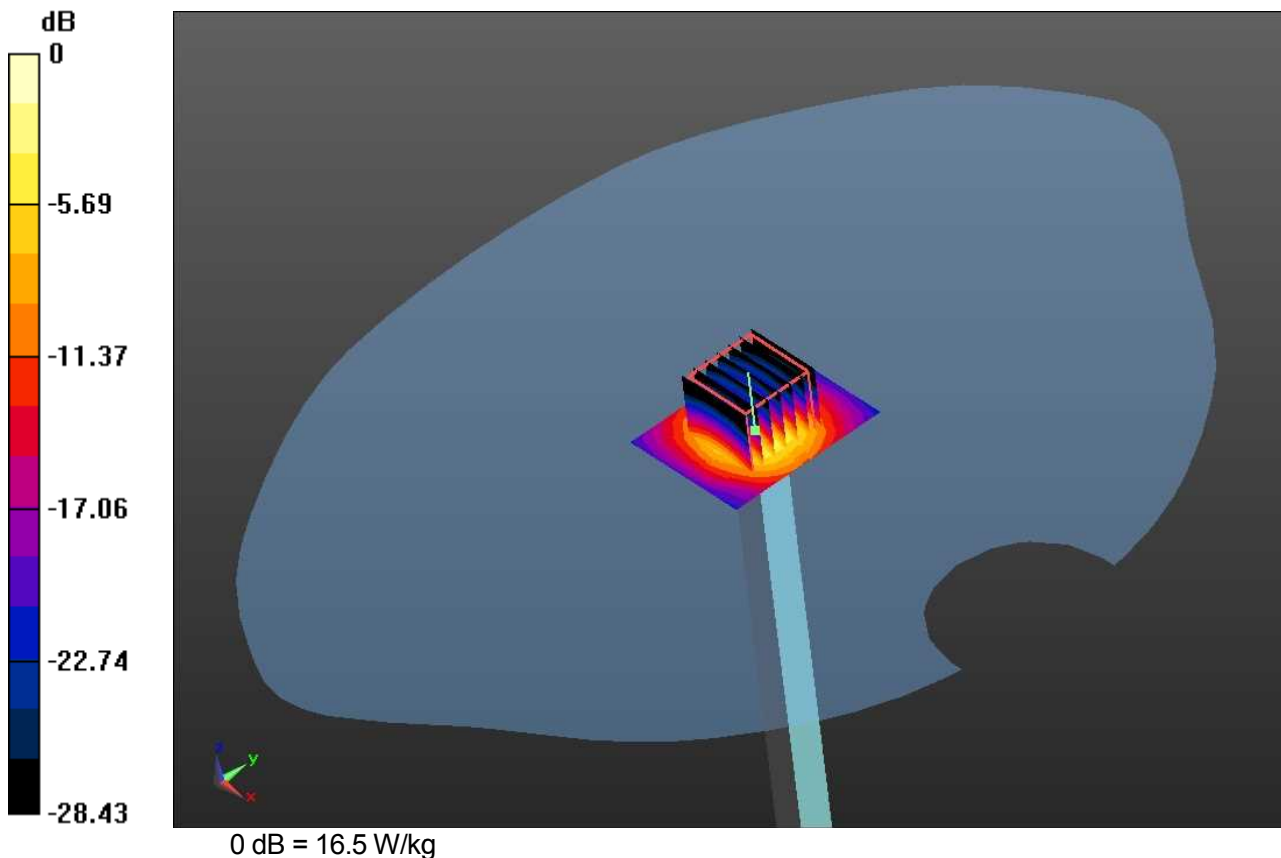
Test date: 2015-4-23; Ambient Temp: 21.7; Tissue Temp: 21.4

**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/m<sup>3</sup>  
 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);

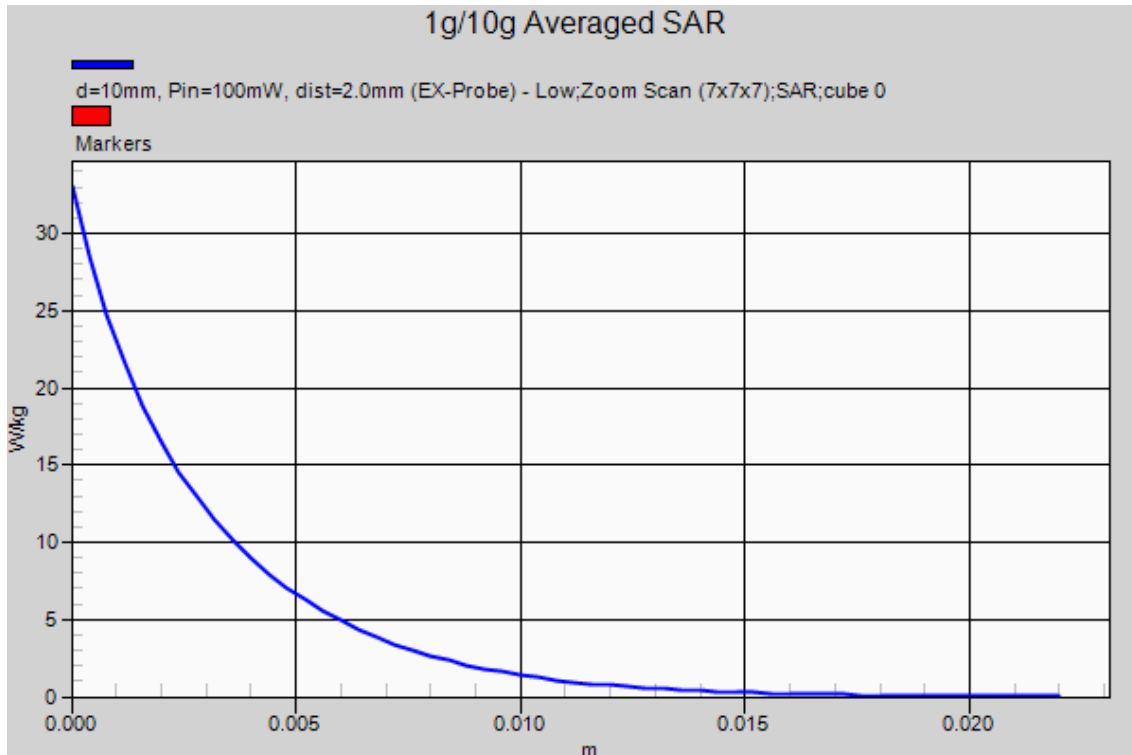
Test date: 2015-4-23; Ambient Temp: 21.7; Tissue Temp: 21.4

**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/m<sup>3</sup>

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

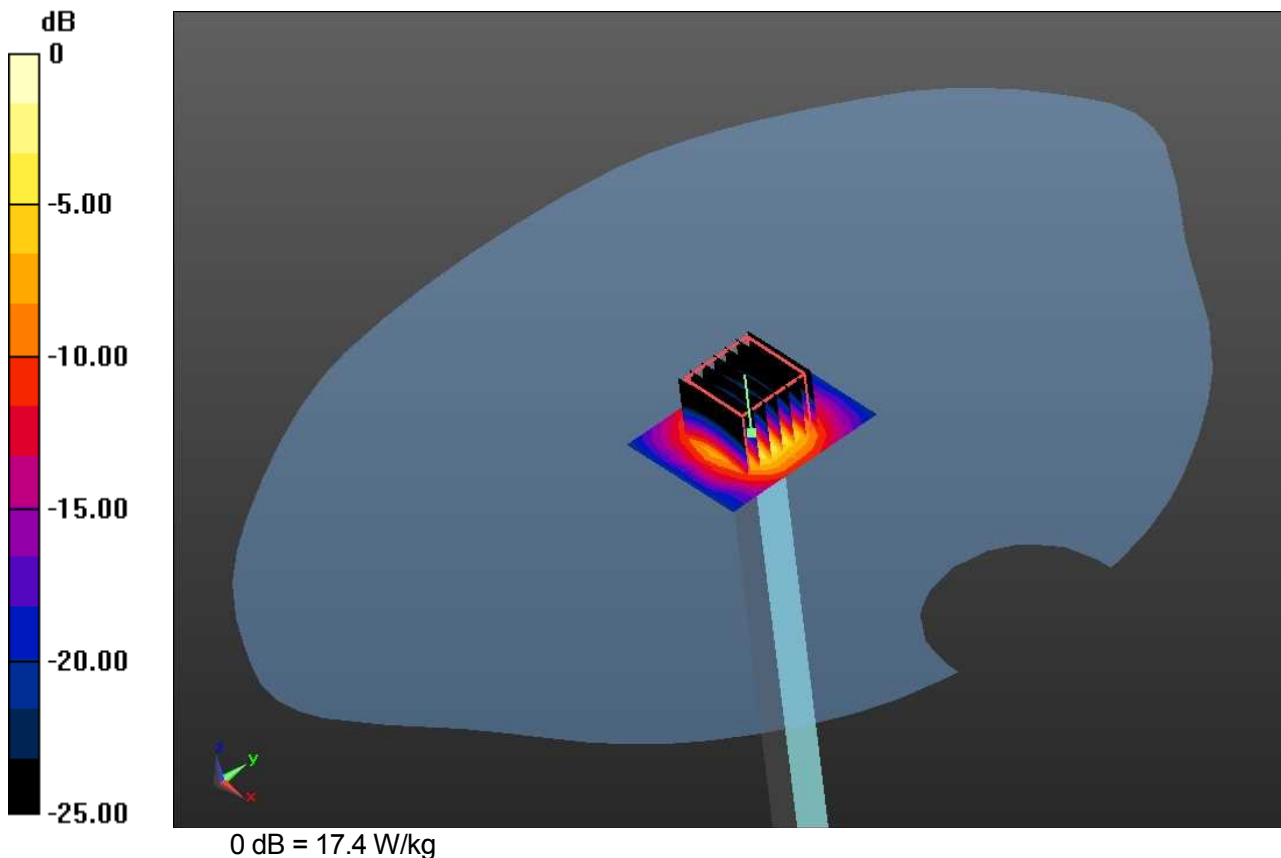
**Zoom Scan (7x7x11)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

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/m<sup>3</sup>

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

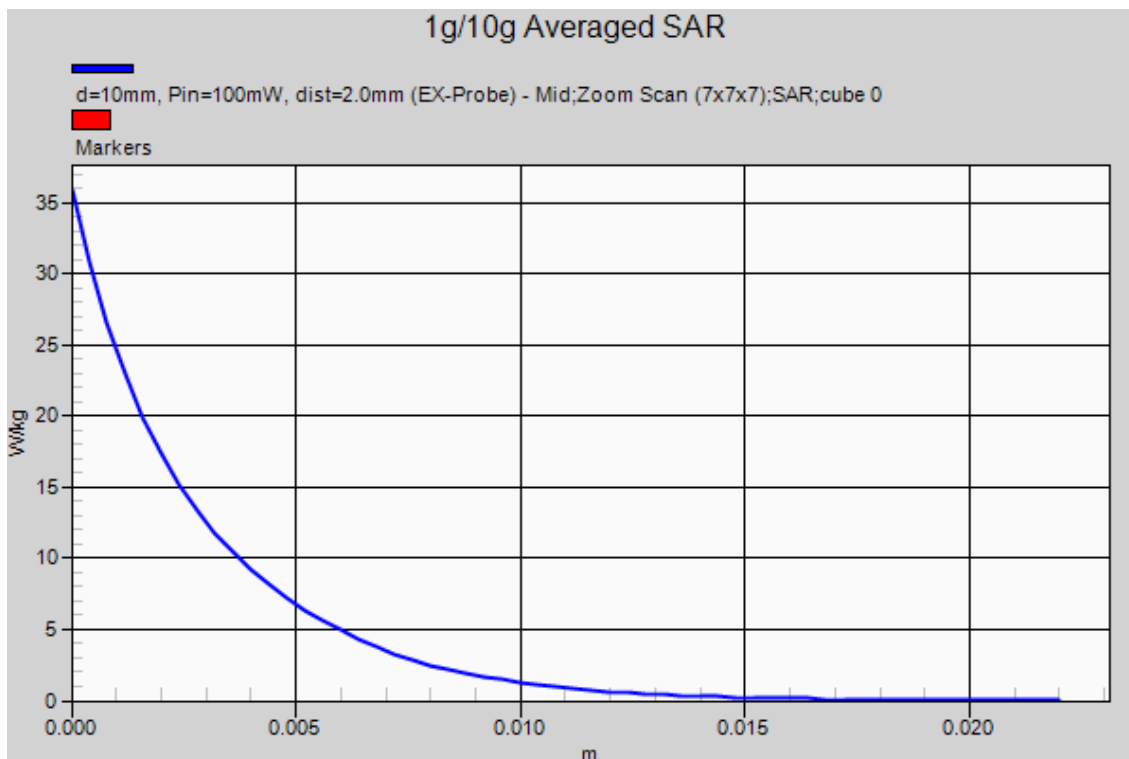
**Zoom Scan (7x7x11)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

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/m<sup>3</sup>

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

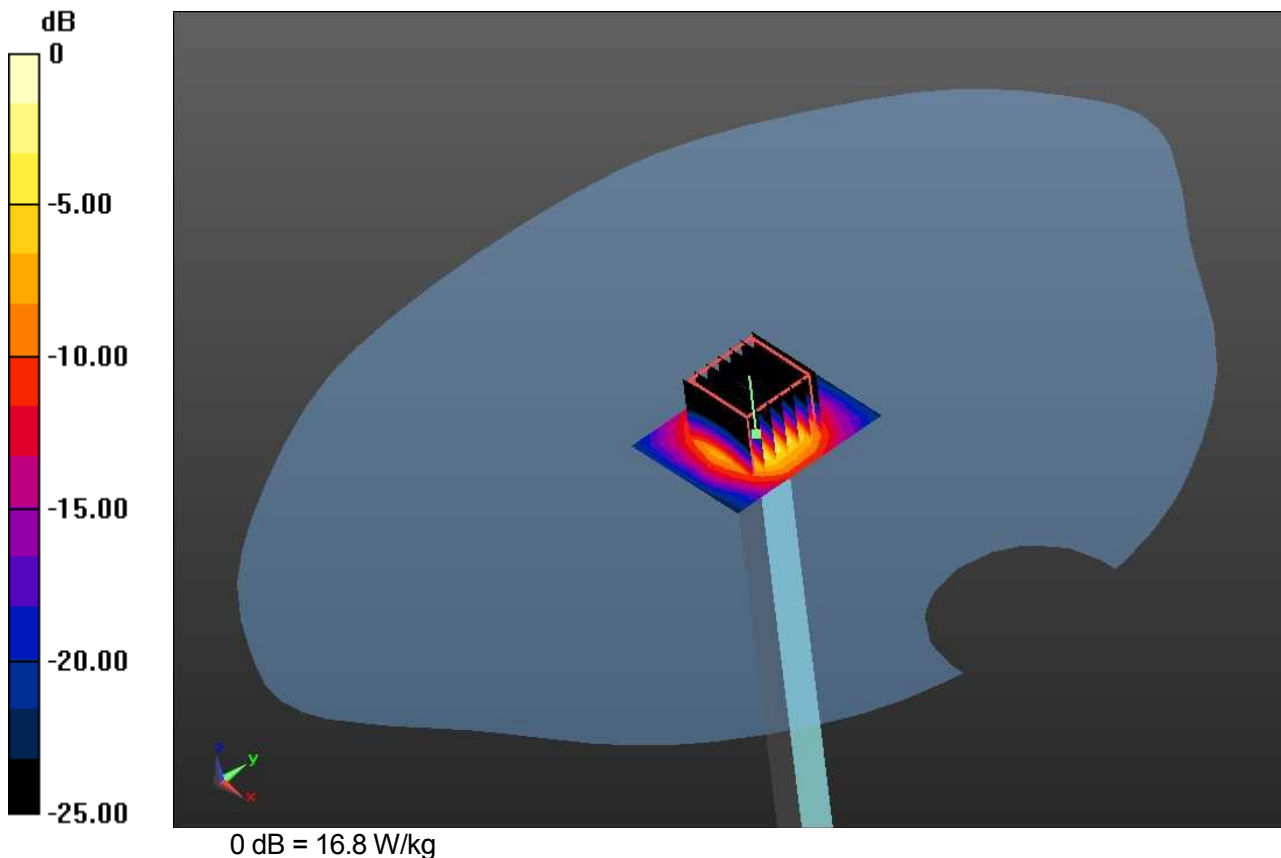
**Zoom Scan (7x7x11)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

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/m<sup>3</sup>  
 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);

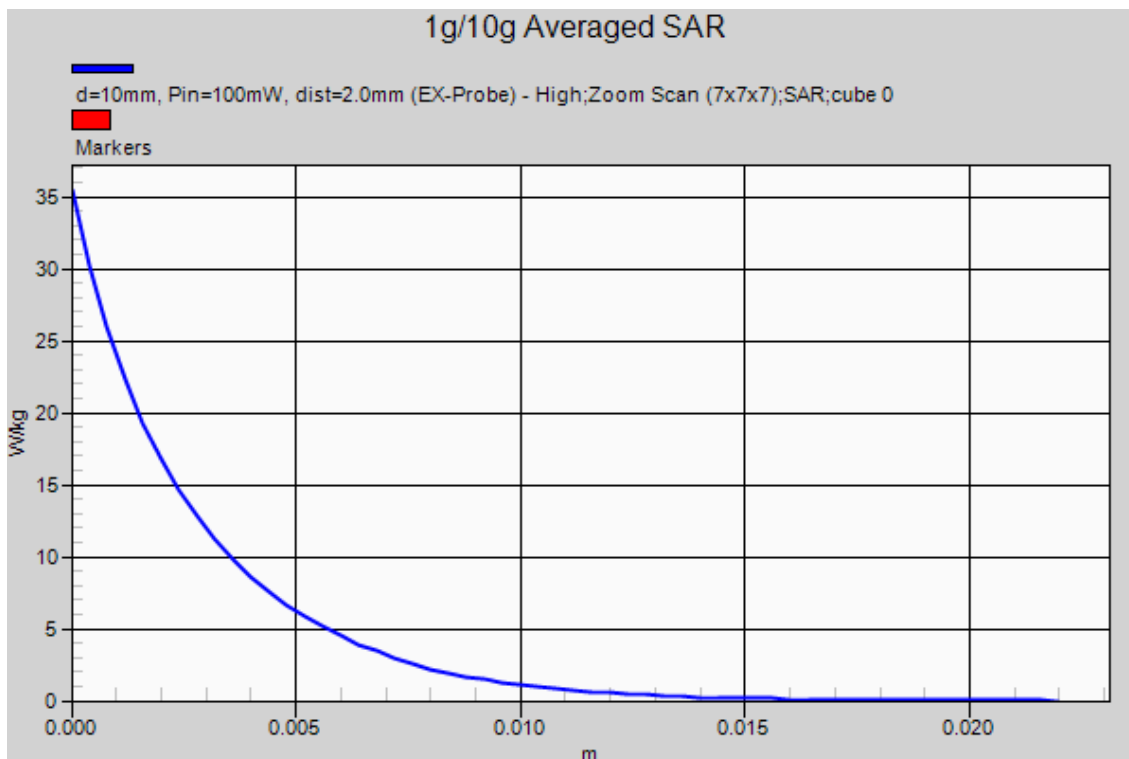
Test date: 2015-4-23; Ambient Temp: 21.7; Tissue Temp: 21.4

**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/m<sup>3</sup>

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

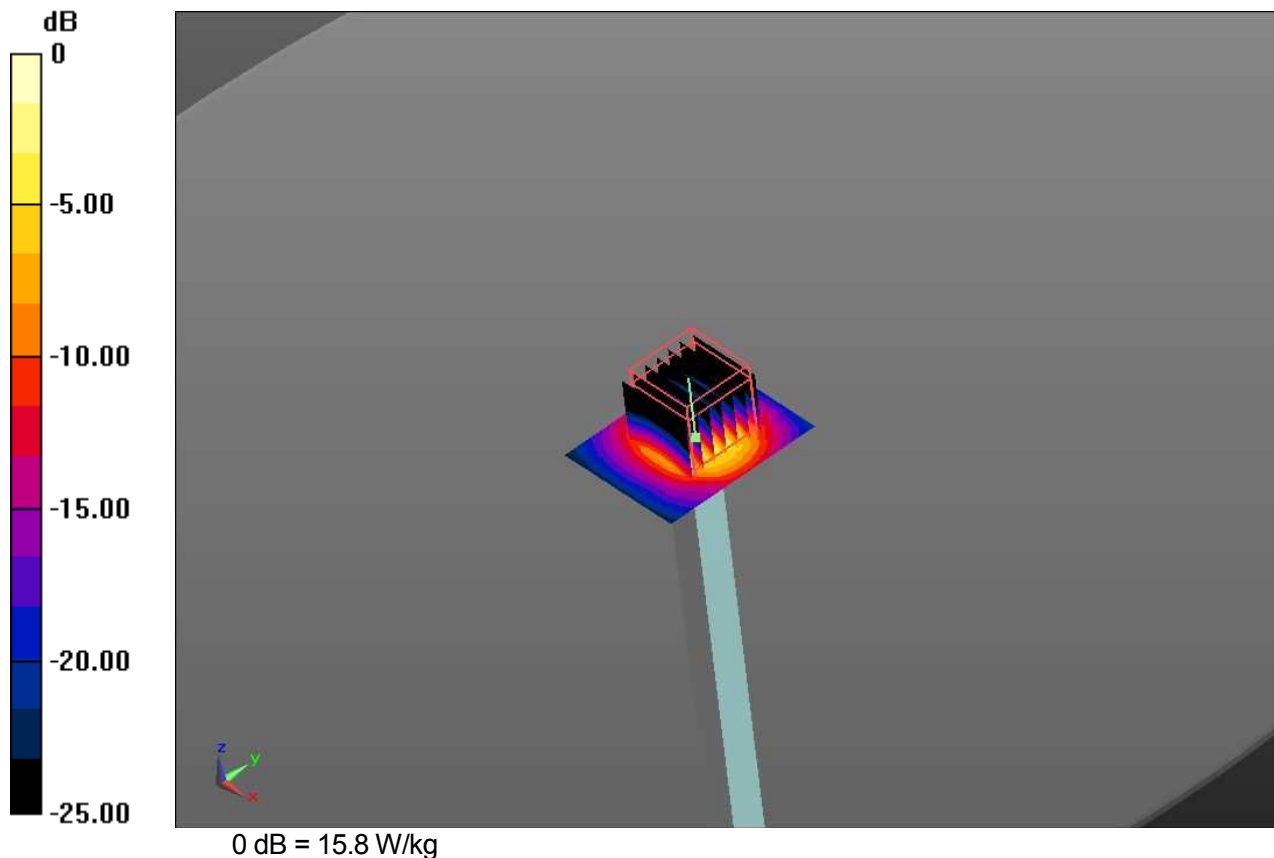
**Zoom Scan (7x7x11)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

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/m<sup>3</sup>

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

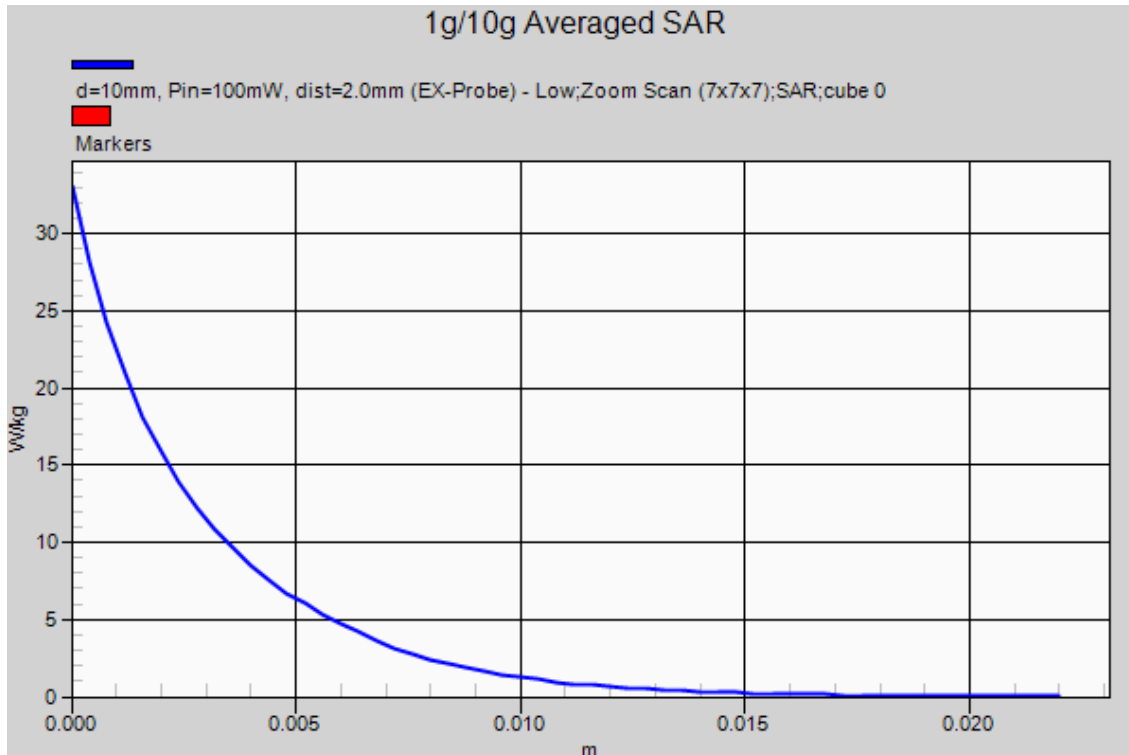
**Zoom Scan (7x7x11)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

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/m<sup>3</sup>  
 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);

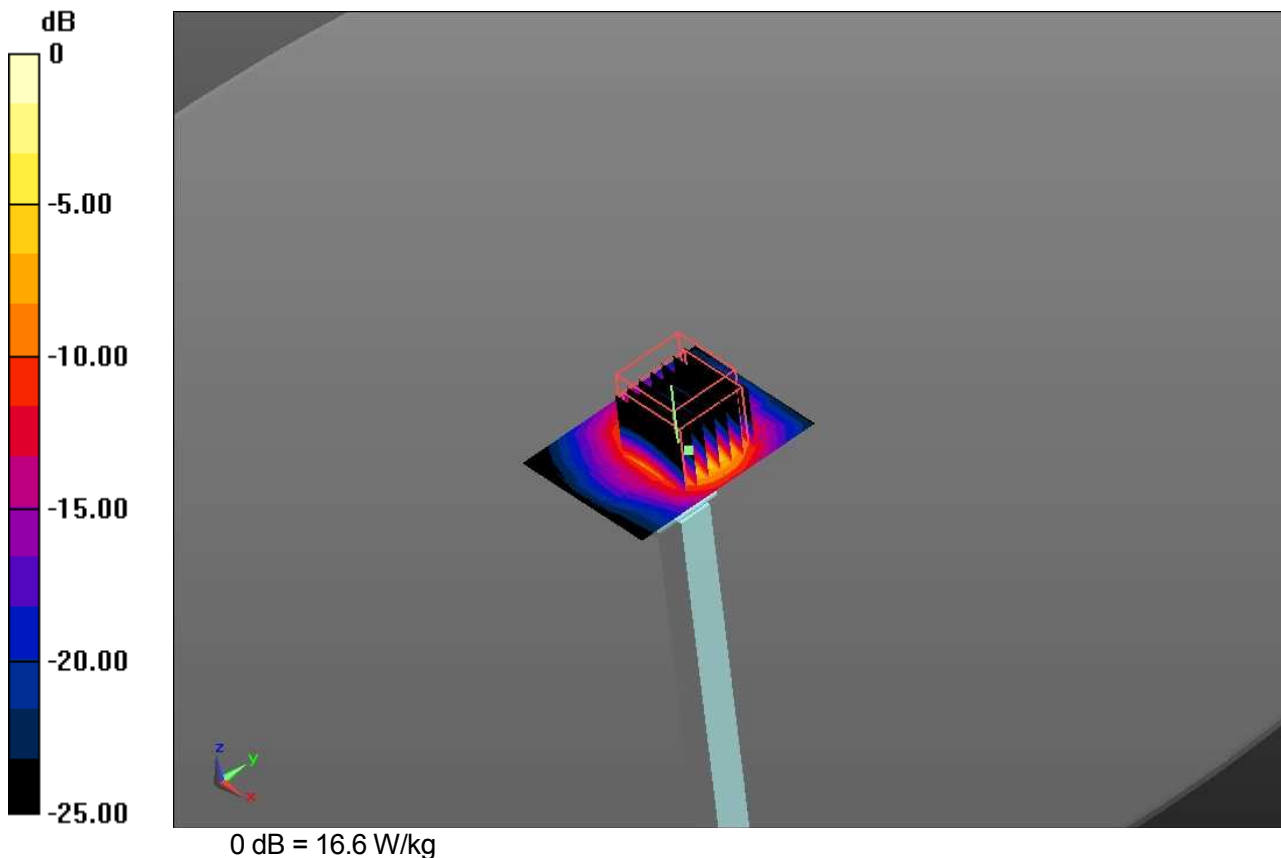
Test date: 2015-4-24; Ambient Temp: 21.4; Tissue Temp: 20.3

**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/m<sup>3</sup>  
 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);

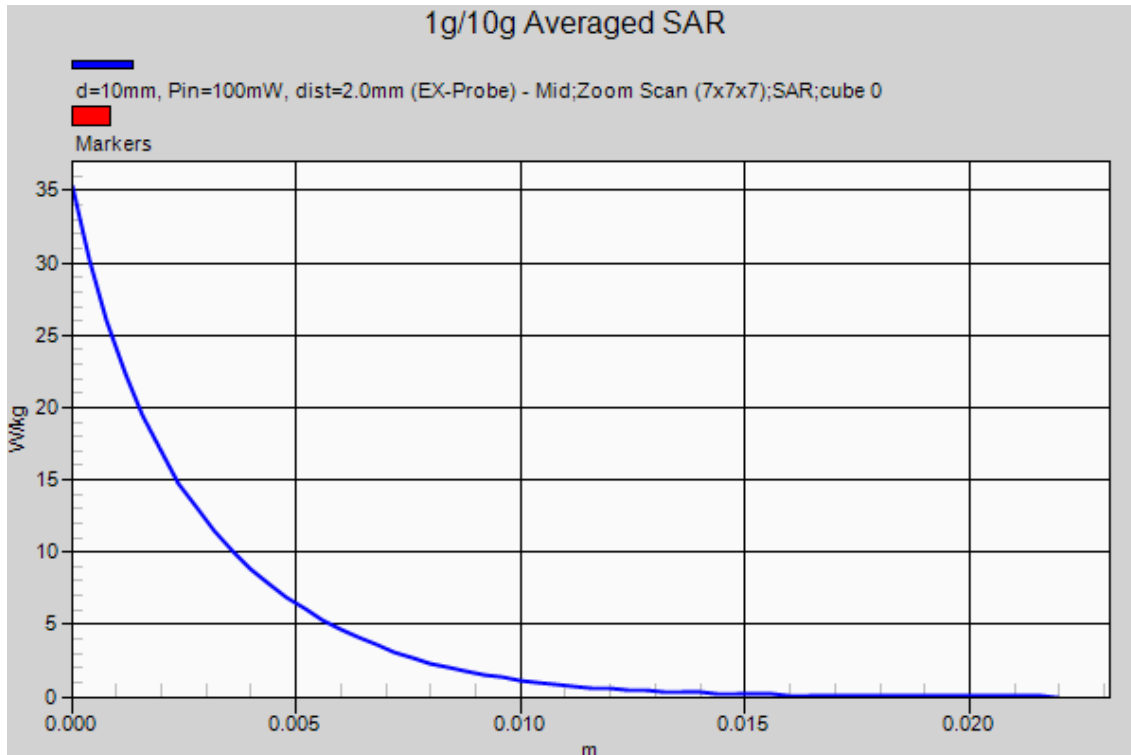
Test date: 2015-4-24; Ambient Temp: 21.4; Tissue Temp: 20.3

**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/m<sup>3</sup>

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

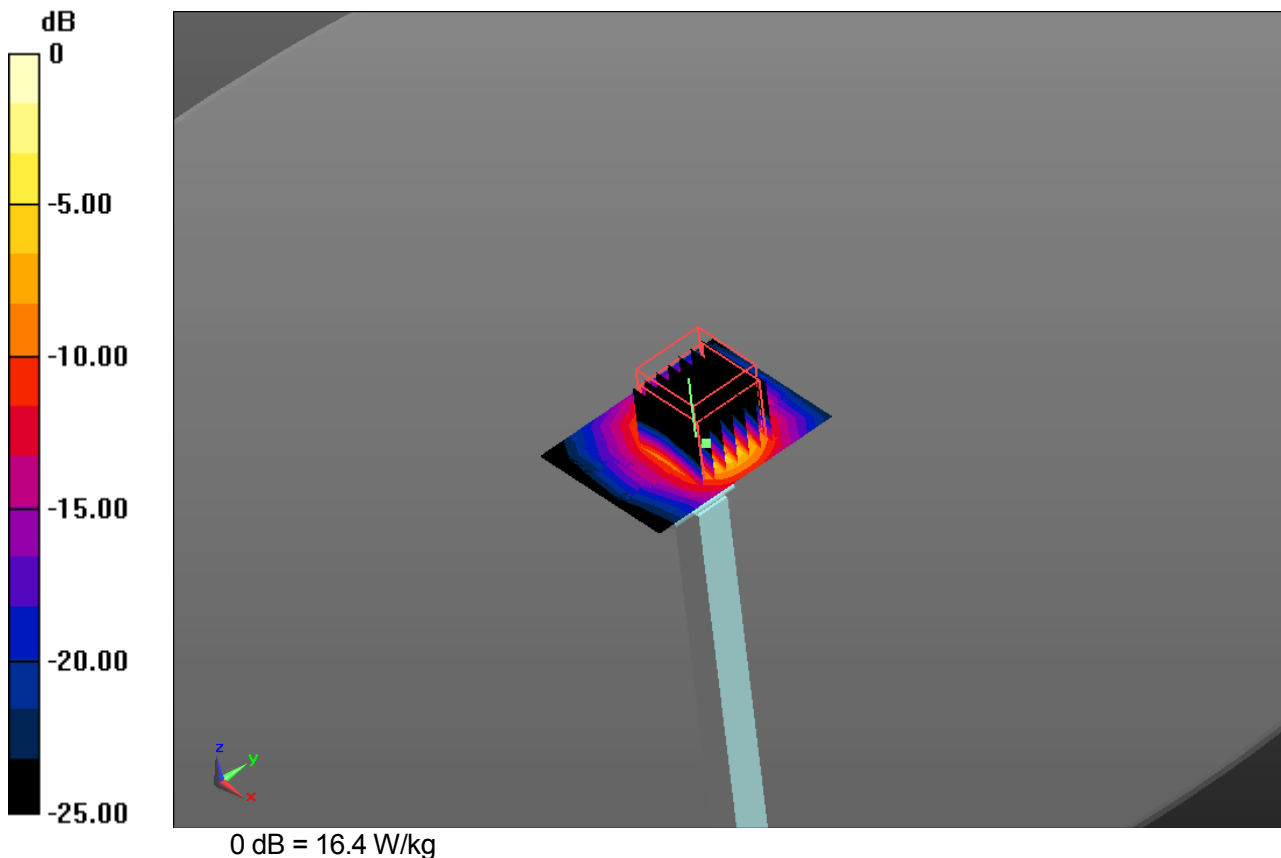
**Zoom Scan (7x7x11)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

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/m<sup>3</sup>  
 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

