

## 20151022\_SystemPerformanceCheck-D2450V2 SN 748

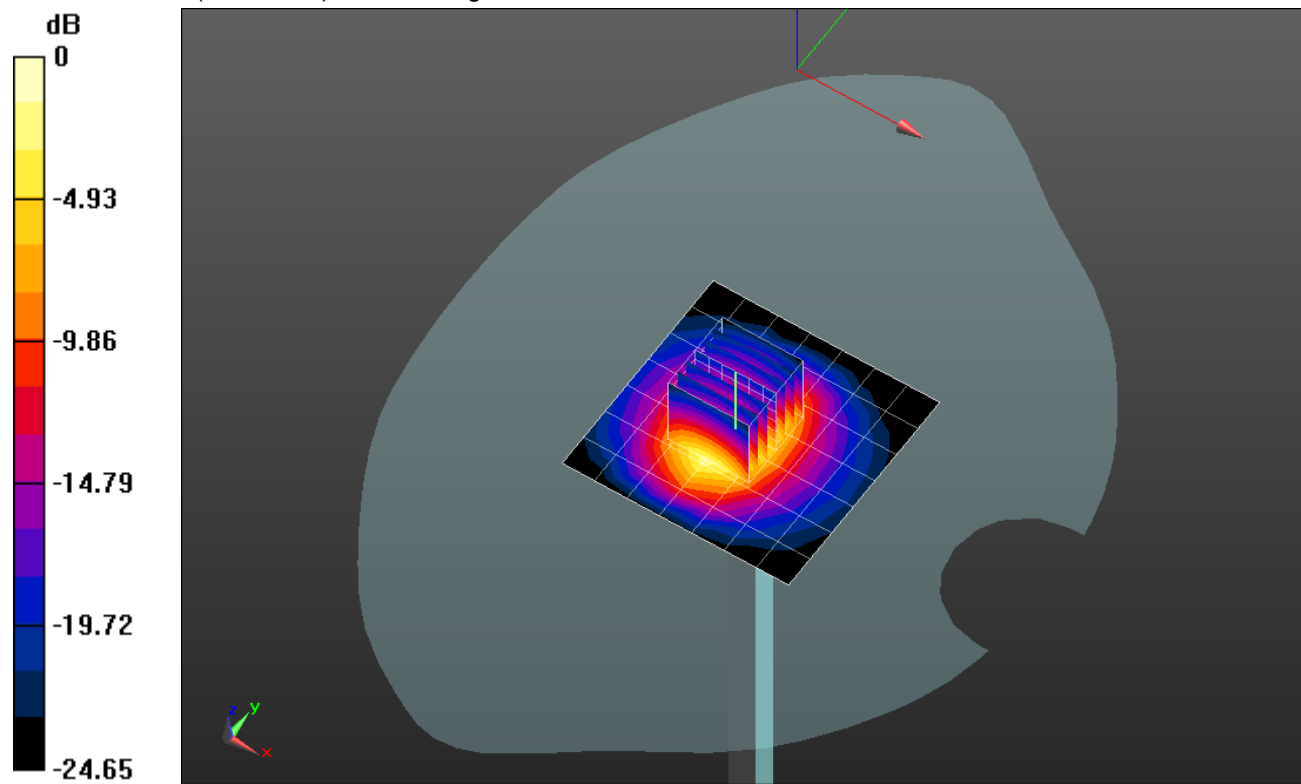
Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 2450 \text{ MHz}$ ;  $\sigma = 1.848 \text{ S/m}$ ;  $\epsilon_r = 37.773$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2015
- Probe: EX3DV4 - SN3901; ConvF(7.14, 7.14, 7.14); Calibrated: 1/27/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 (B); Type: QD000P40CD; Serial: 1628

**Head/Pin=100 mW/Area Scan (8x8x1):** Measurement grid: dx=12mm, dy=12mm  
 Maximum value of SAR (measured) = 7.64 W/kg

**Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 60.56 V/m; Power Drift = 0.14 dB  
 Peak SAR (extrapolated) = 12.2 W/kg  
**SAR(1 g) = 5.52 W/kg; SAR(10 g) = 2.47 W/kg**  
 Maximum value of SAR (measured) = 7.97 W/kg



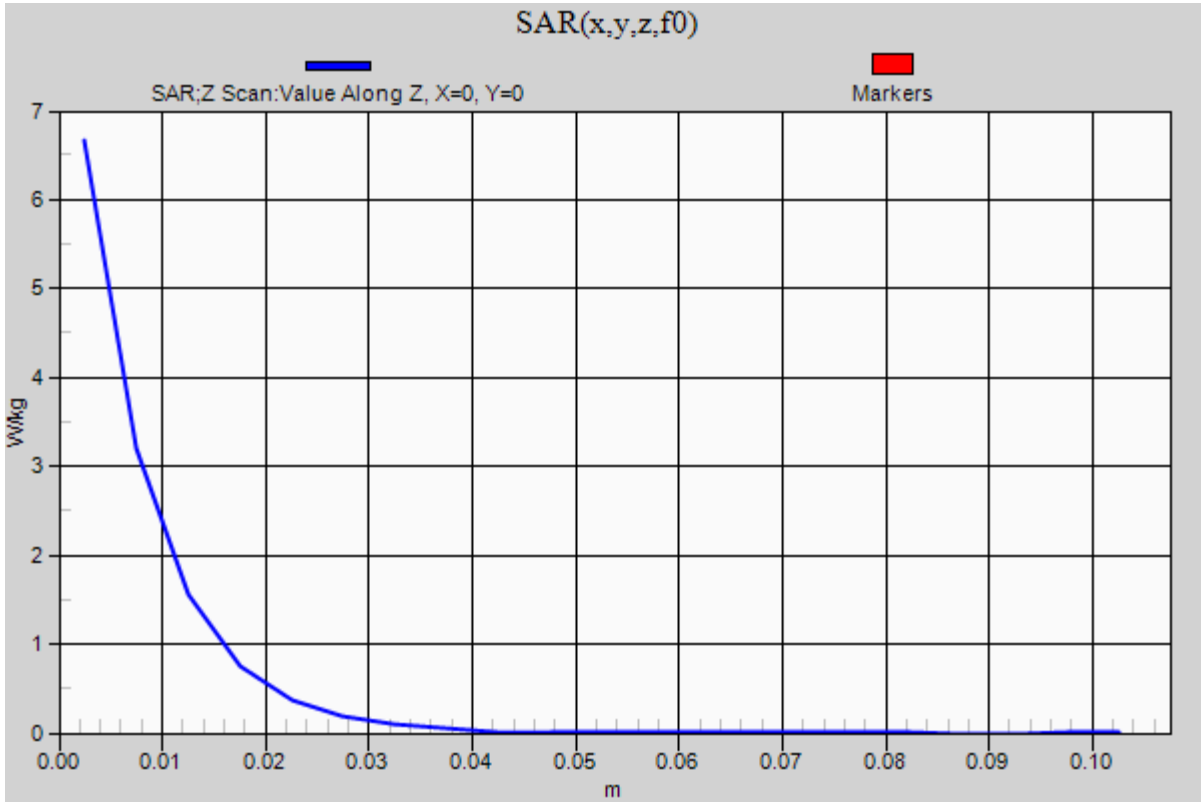
0 dB = 7.97 W/kg = 9.01 dBW/kg

### 20151022\_SystemPerformanceCheck-D2450V2 SN 748

Frequency: 2450 MHz; Duty Cycle: 1:1

**Head/Pin=100 mW/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 6.66 W/kg



## 20151007\_SystemPerformanceCheck-D2450V2 SN 748

Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.965$  S/m;  $\epsilon_r = 51.215$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1439; Calibrated: 7/30/2015
- Probe: EX3DV4 - SN3772; ConvF(6.58, 6.58, 6.58); Calibrated: 2/23/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 A; Type: QDOVA002AA; Serial: 1258

**Body/Pin=100 mW/Area Scan (8x8x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 6.55 W/kg

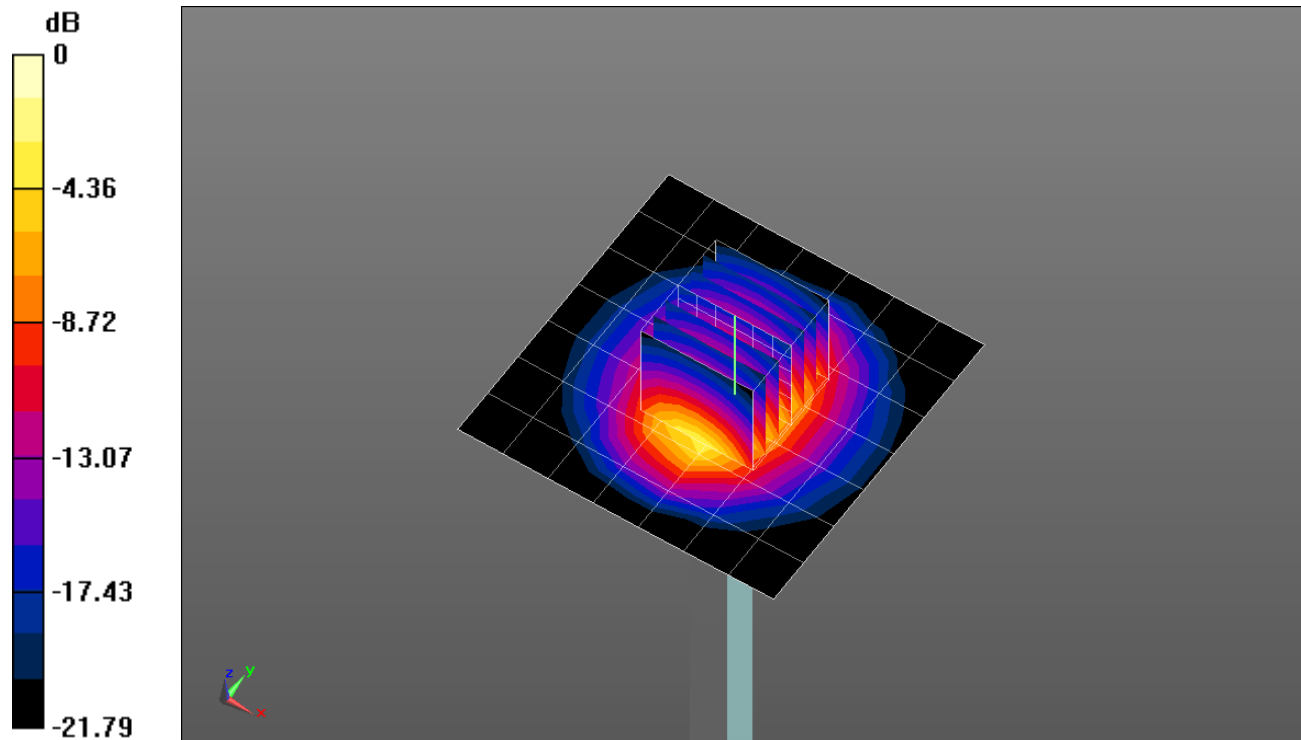
**Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 61.661 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 11.1 W/kg

**SAR(1 g) = 5.37 W/kg; SAR(10 g) = 2.48 W/kg**

Maximum value of SAR (measured) = 7.63 W/kg

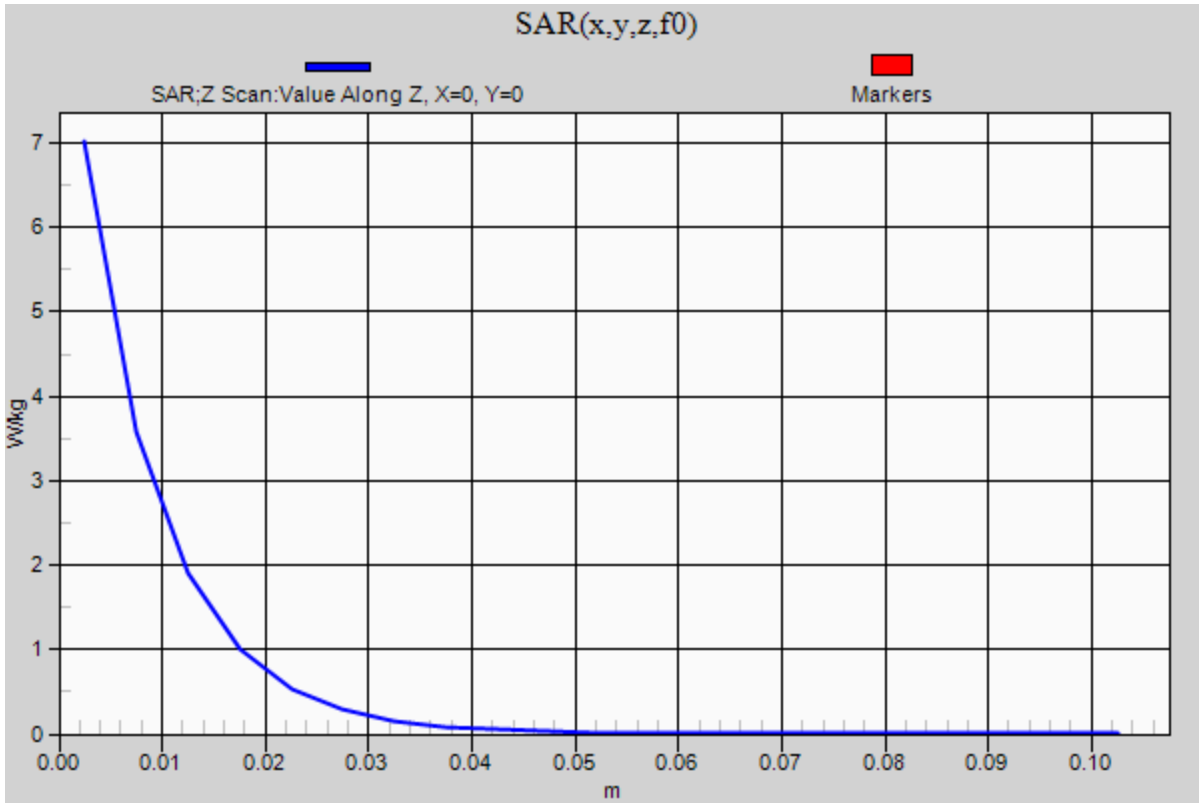


0 dB = 7.63 W/kg = 8.83 dBW/kg

### 20151007\_SystemPerformanceCheck-D2450V2 SN 748

Frequency: 2450 MHz; Duty Cycle: 1:1

**Body/Pin=100 mW/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 7.02 W/kg



## 20151007\_SystemPerformanceCheck-D2600V2 SN 1006

Frequency: 2600 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 2600$  MHz;  $\sigma = 2.133$  S/m;  $\epsilon_r = 50.778$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1439; Calibrated: 7/30/2015
- Probe: EX3DV4 - SN3772; ConvF(6.35, 6.35, 6.35); Calibrated: 2/23/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 A; Type: QDOVA002AA; Serial: 1258

**Body/Pin=100 mW/Area Scan (8x8x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 7.12 W/kg

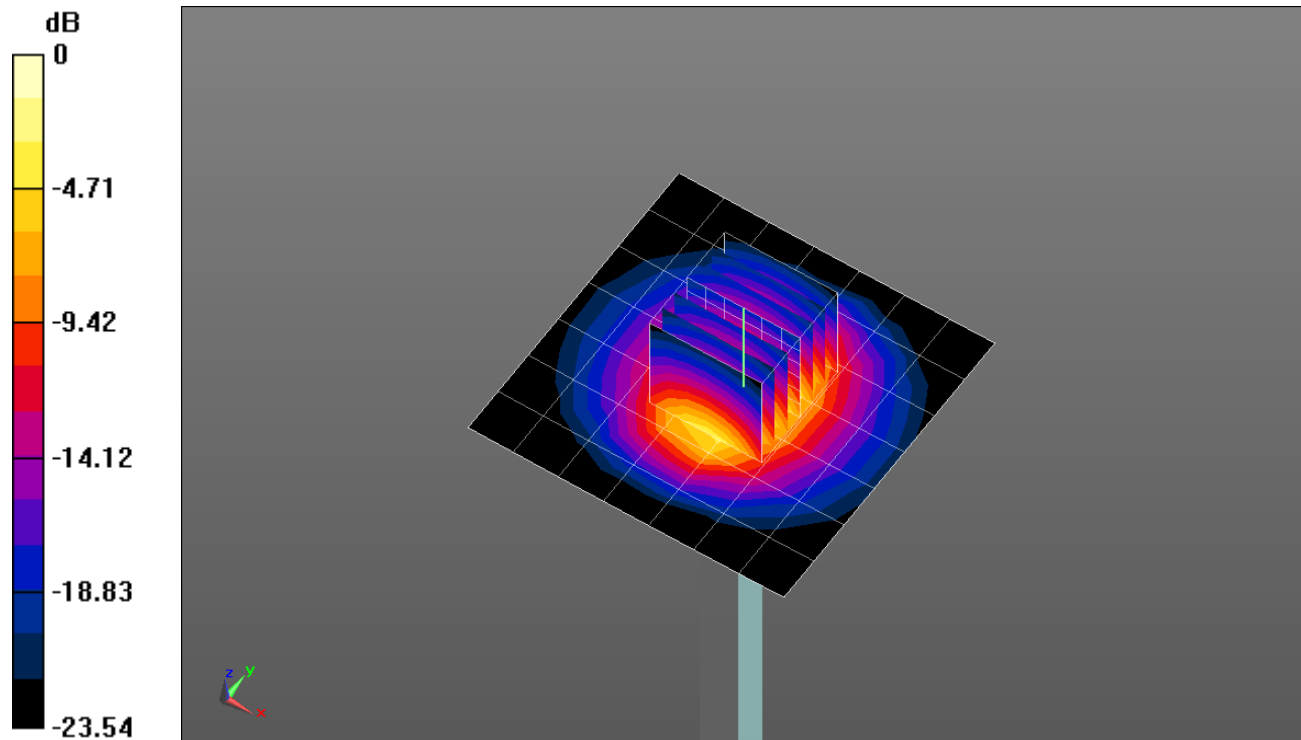
**Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 65.334 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 12.7 W/kg

**SAR(1 g) = 5.75 W/kg; SAR(10 g) = 2.53 W/kg**

Maximum value of SAR (measured) = 8.40 W/kg

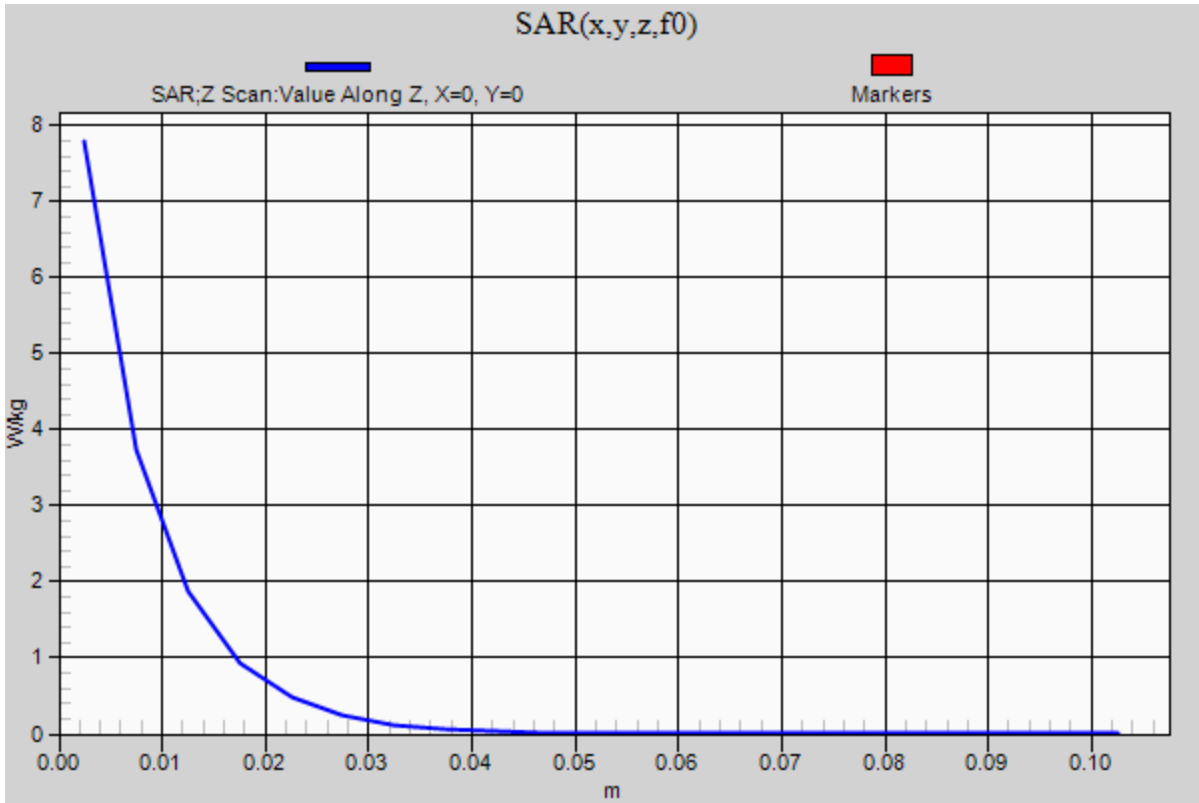


0 dB = 8.40 W/kg = 9.24 dBW/kg

### 20151007\_SystemPerformanceCheck-D2600V2 SN 1006

Frequency: 2600 MHz; Duty Cycle: 1:1

**Body/Pin=100 mW/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 7.79 W/kg



## 20151008\_SystemPerformanceCheck-D750V3 SN 1019

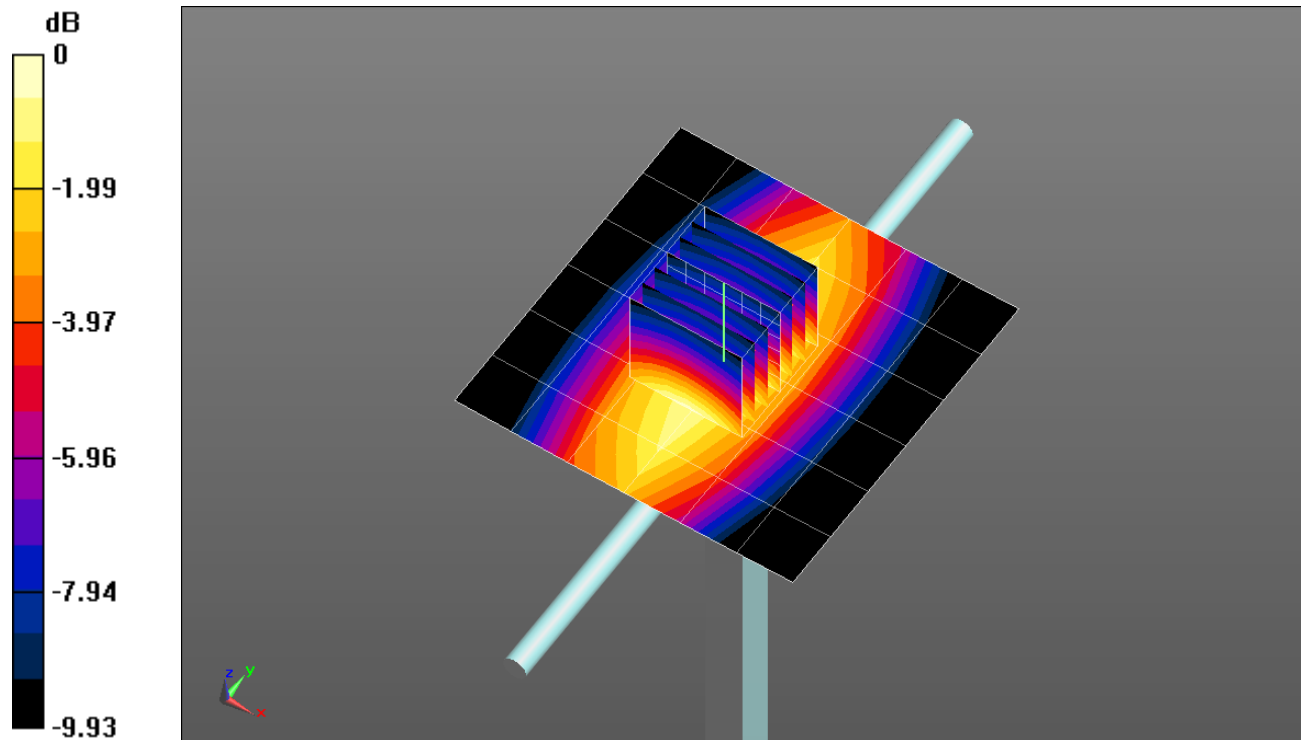
Frequency: 750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.98 \text{ S/m}$ ;  $\epsilon_r = 53.007$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1439; Calibrated: 7/30/2015
- Probe: EX3DV4 - SN3772; ConvF(8.82, 8.82, 8.82); Calibrated: 2/23/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 B; Type: QDOVA002AA; Serial: 1180

**Body/Pin=100 mW/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.907 W/kg

**Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 30.885 V/m; Power Drift = 0.02 dB  
 Peak SAR (extrapolated) = 1.20 W/kg  
**SAR(1 g) = 0.811 W/kg; SAR(10 g) = 0.539 W/kg**  
 Maximum value of SAR (measured) = 0.983 W/kg

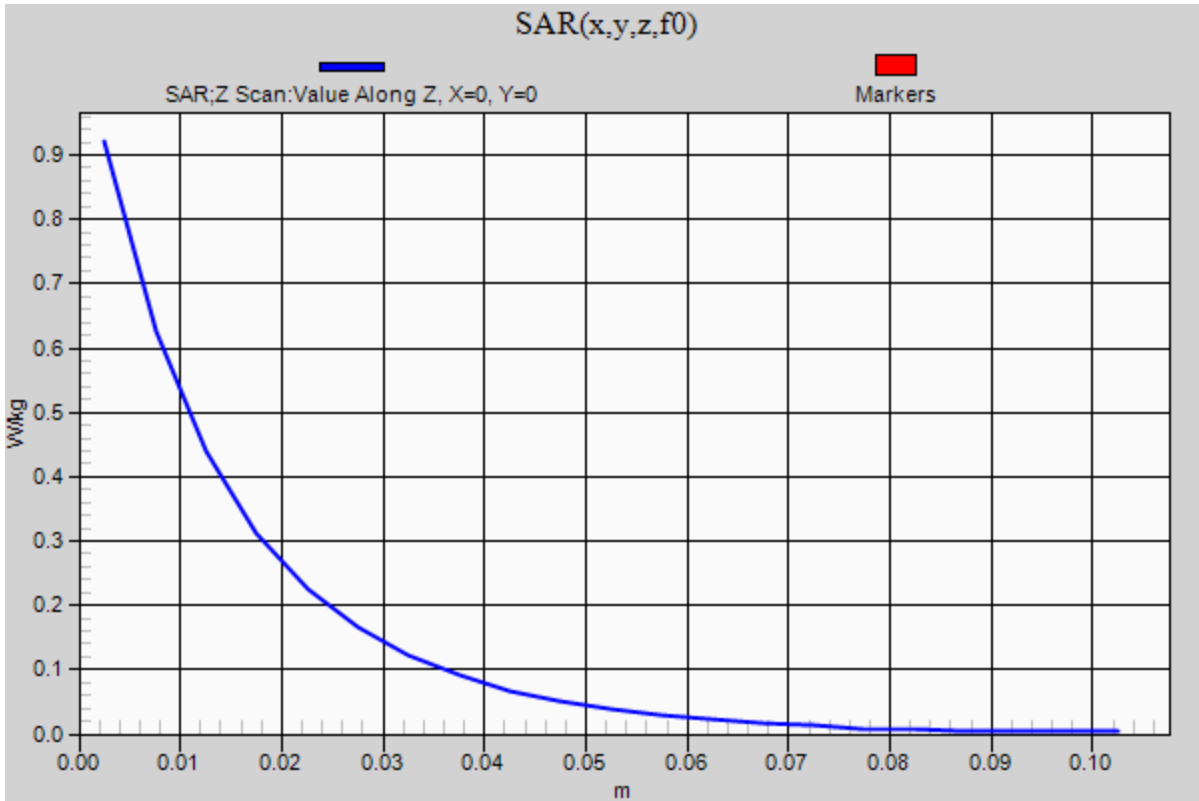


0 dB = 0.983 W/kg = -0.07 dBW/kg

### 20151008\_SystemPerformanceCheck-D750V3 SN 1019

Frequency: 750 MHz; Duty Cycle: 1:1

**Body/Pin=100 mW/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 0.921 W/kg





### 10082015\_SystemPerformanceCheck-D1900V2 SN 5d043

Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.508$  S/m;  $\epsilon_r = 52.813$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1439; Calibrated: 7/30/2015
- Probe: EX3DV4 - SN3772; ConvF(7.03, 7.03, 7.03); Calibrated: 2/23/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 A; Type: QDOVA002AA; Serial: 1258

**Body/Pin=100 mW/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 5.16 W/kg

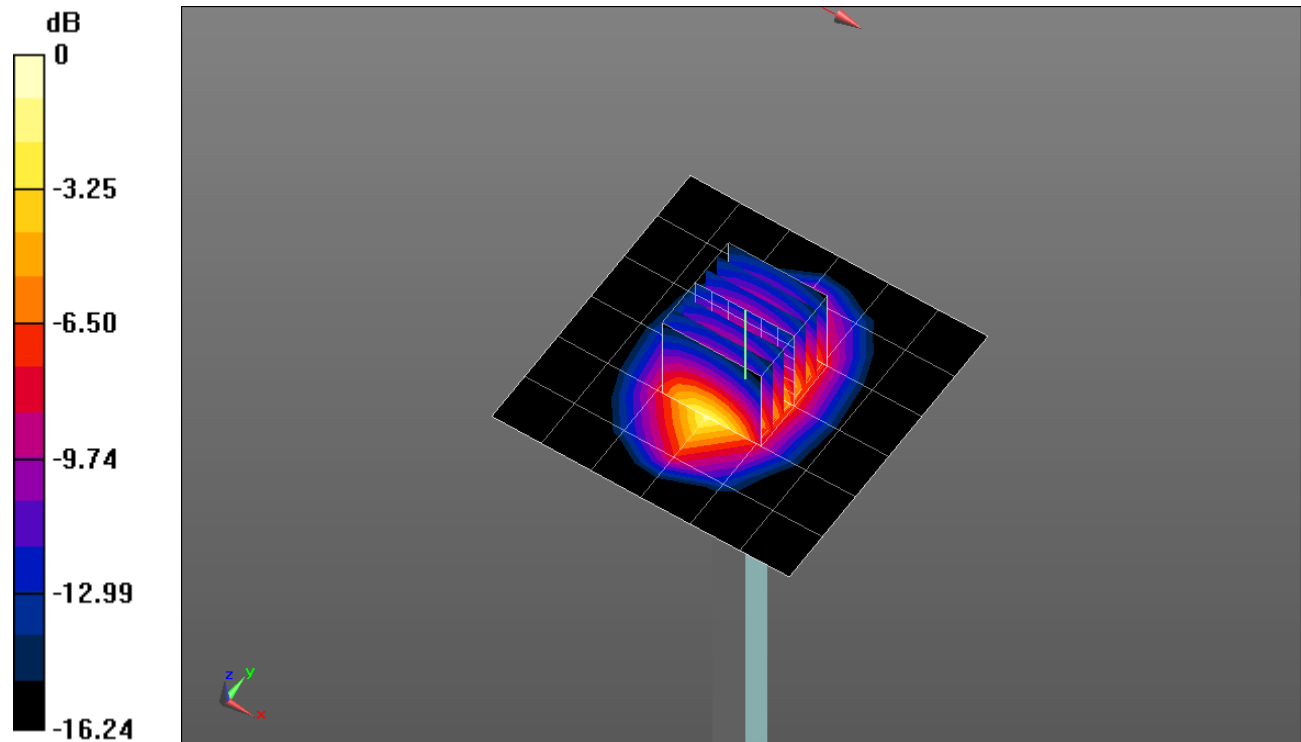
**Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 55.886 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 6.82 W/kg

**SAR(1 g) = 3.91 W/kg; SAR(10 g) = 2.09 W/kg**

Maximum value of SAR (measured) = 5.19 W/kg

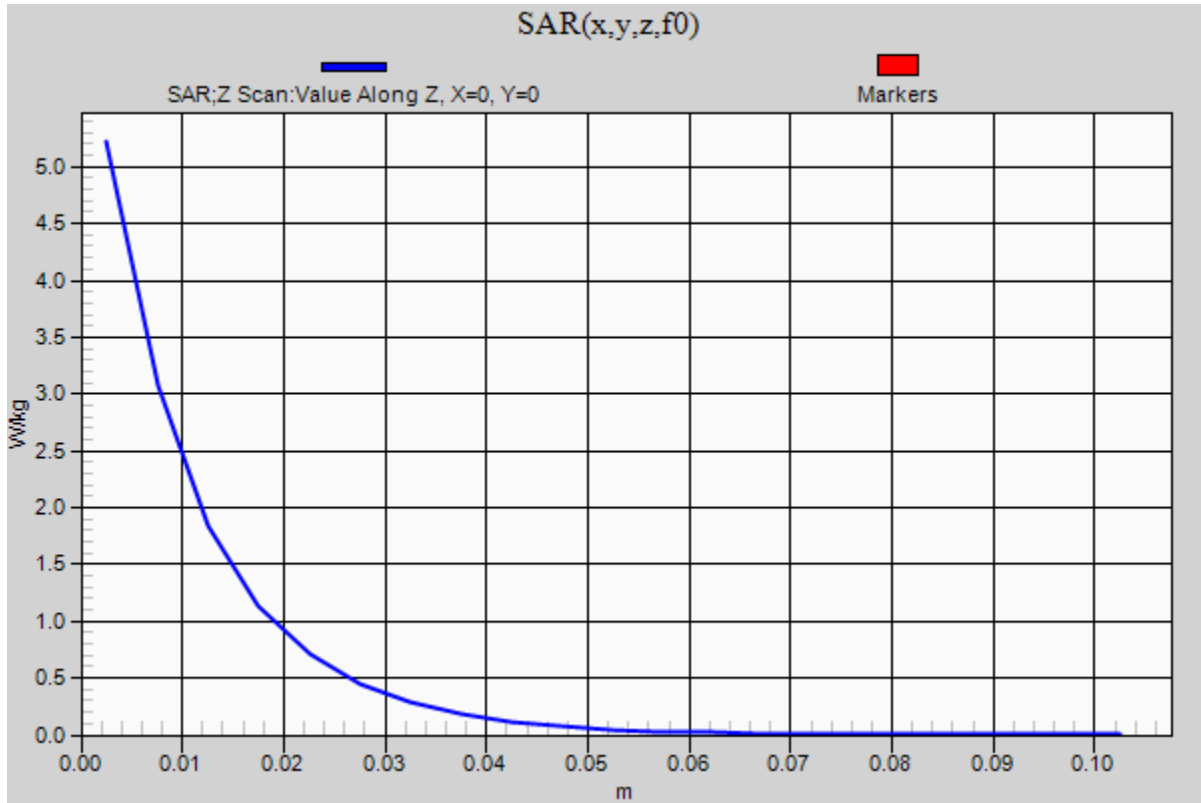


0 dB = 5.19 W/kg = 7.15 dBW/kg

### 10082015\_SystemPerformanceCheck-D1900V2 SN 5d043

Frequency: 1900 MHz; Duty Cycle: 1:1

**Body/Pin=100 mW/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 5.22 W/kg



## 20151019\_SystemPerformanceCheck-D835V2 SN 4d002

Frequency: 835 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.995 \text{ S/m}$ ;  $\epsilon_r = 53.089$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/18/2015
- Probe: EX3DV4 - SN3929; ConvF(8.57, 8.57, 8.57); Calibrated: 4/22/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

**Body/Pin=100 mW/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.16 W/kg

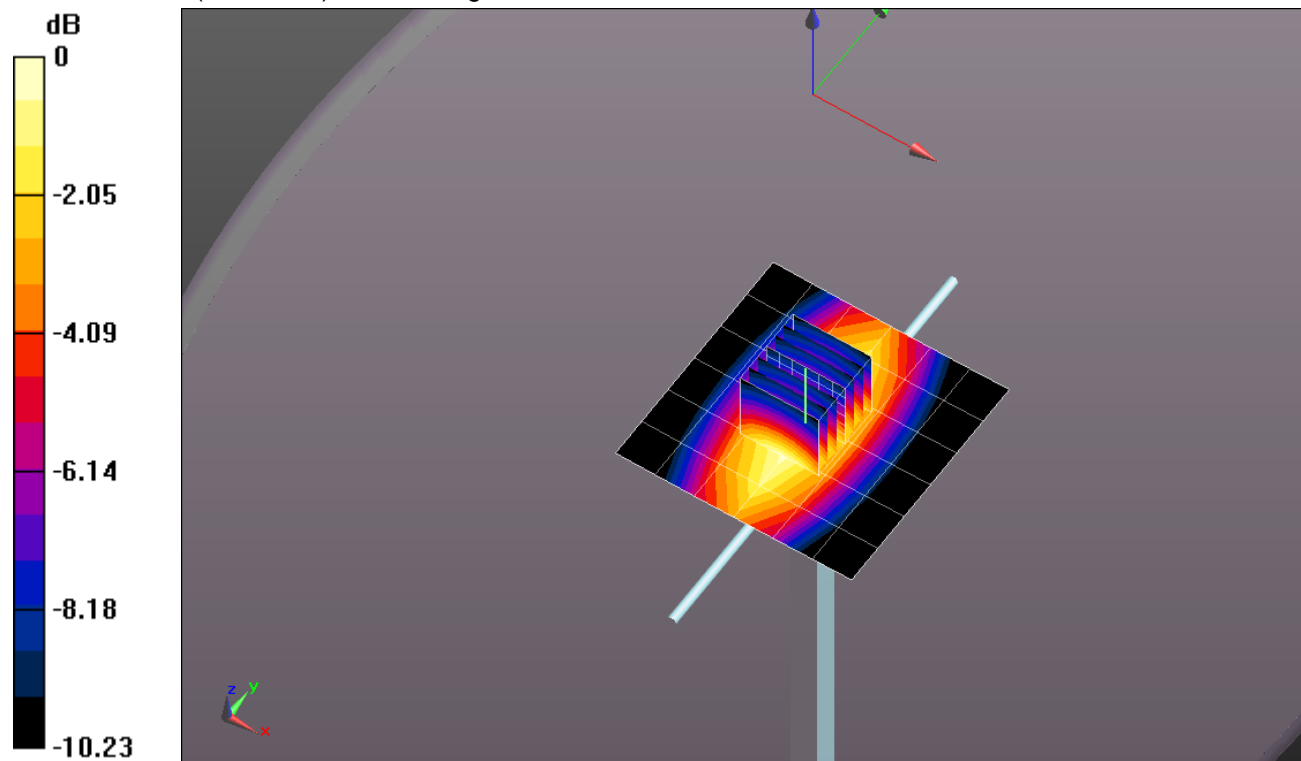
**Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 34.998 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.41 W/kg

**SAR(1 g) = 0.974 W/kg; SAR(10 g) = 0.644 W/kg**

Maximum value of SAR (measured) = 1.18 W/kg

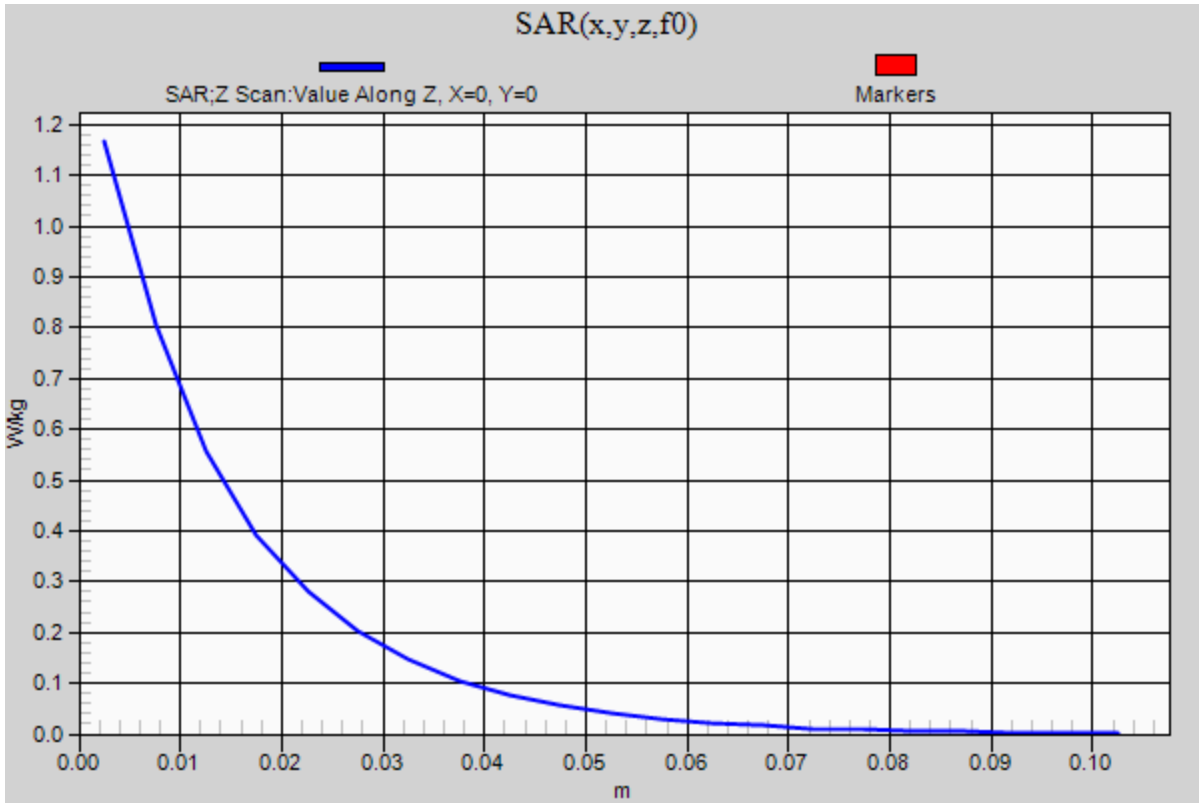


0 dB = 1.18 W/kg = 0.72 dBW/kg

### 20151019\_SystemPerformanceCheck-D835V2 SN 4d002

Frequency: 835 MHz; Duty Cycle: 1:1

**Body/Pin=100 mW/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 1.17 W/kg



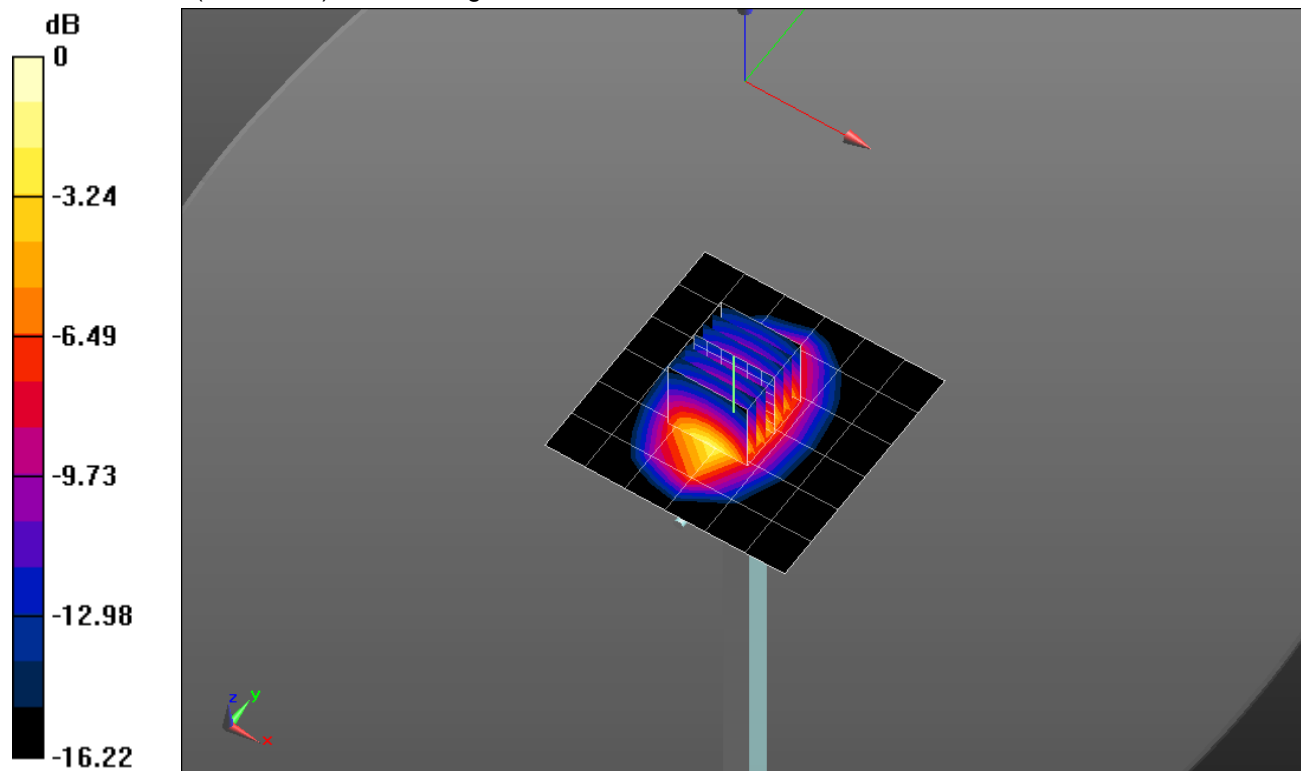
### 100782015\_SystemPerformanceCheck-D1750V2 SN 1077

Frequency: 1750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 1750 \text{ MHz}$ ;  $\sigma = 1.362 \text{ S/m}$ ;  $\epsilon_r = 41.151$ ;  $\rho = 1000 \text{ kg/m}^3$   
 DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1433; Calibrated: 3/12/2015
- Probe: EX3DV4 - SN3991; ConvF(8.55, 8.55, 8.55); Calibrated: 5/19/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 A; Type: QDOVA002AA; Serial: 1258

**Body/Pin=100 mW/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 4.06 W/kg

**Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 58.450 V/m; Power Drift = 0.01 dB  
 Peak SAR (extrapolated) = 5.79 W/kg  
**SAR(1 g) = 3.26 W/kg; SAR(10 g) = 1.73 W/kg**  
 Maximum value of SAR (measured) = 4.37 W/kg



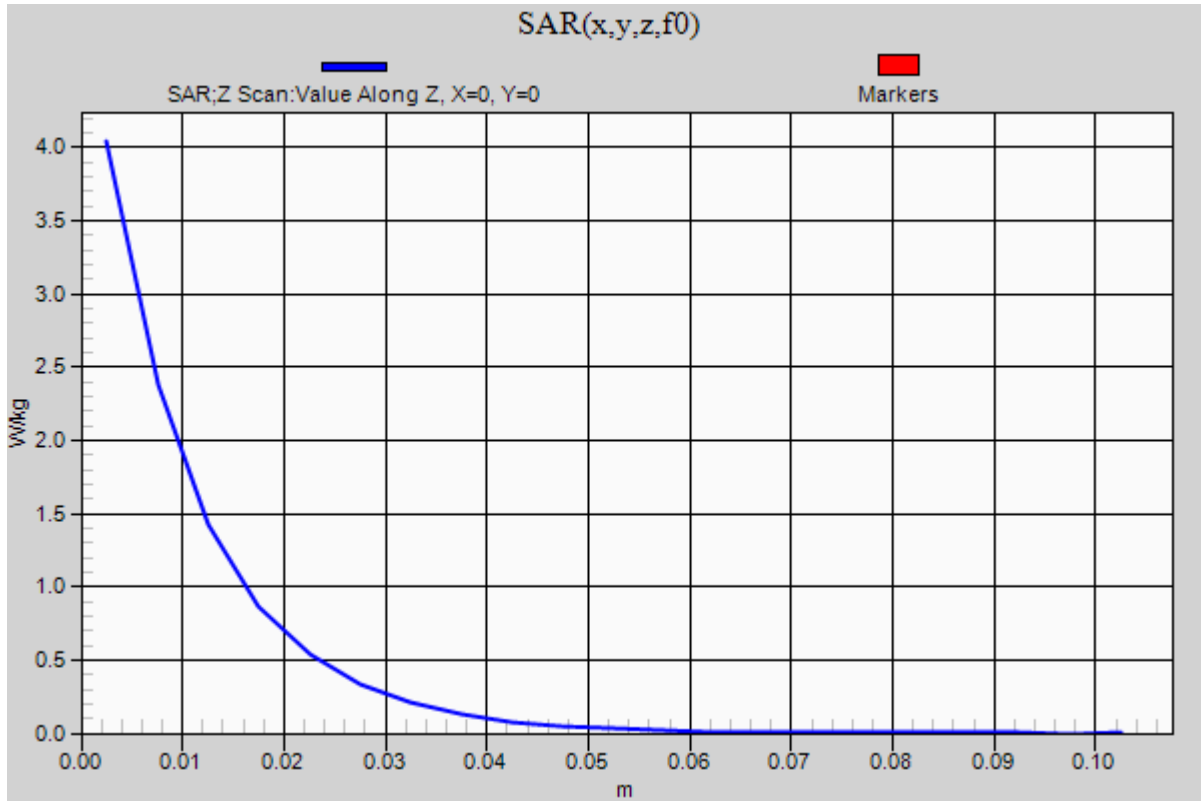
0 dB = 4.37 W/kg = 6.40 dBW/kg

### 100782015\_SystemPerformanceCheck-D1750V2 SN 1077

Frequency: 1750 MHz; Duty Cycle: 1:1

**Body/Pin=100 mW/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 4.04 W/kg



### 10072015\_SystemPerformanceCheck-D1900V2 SN 5d043

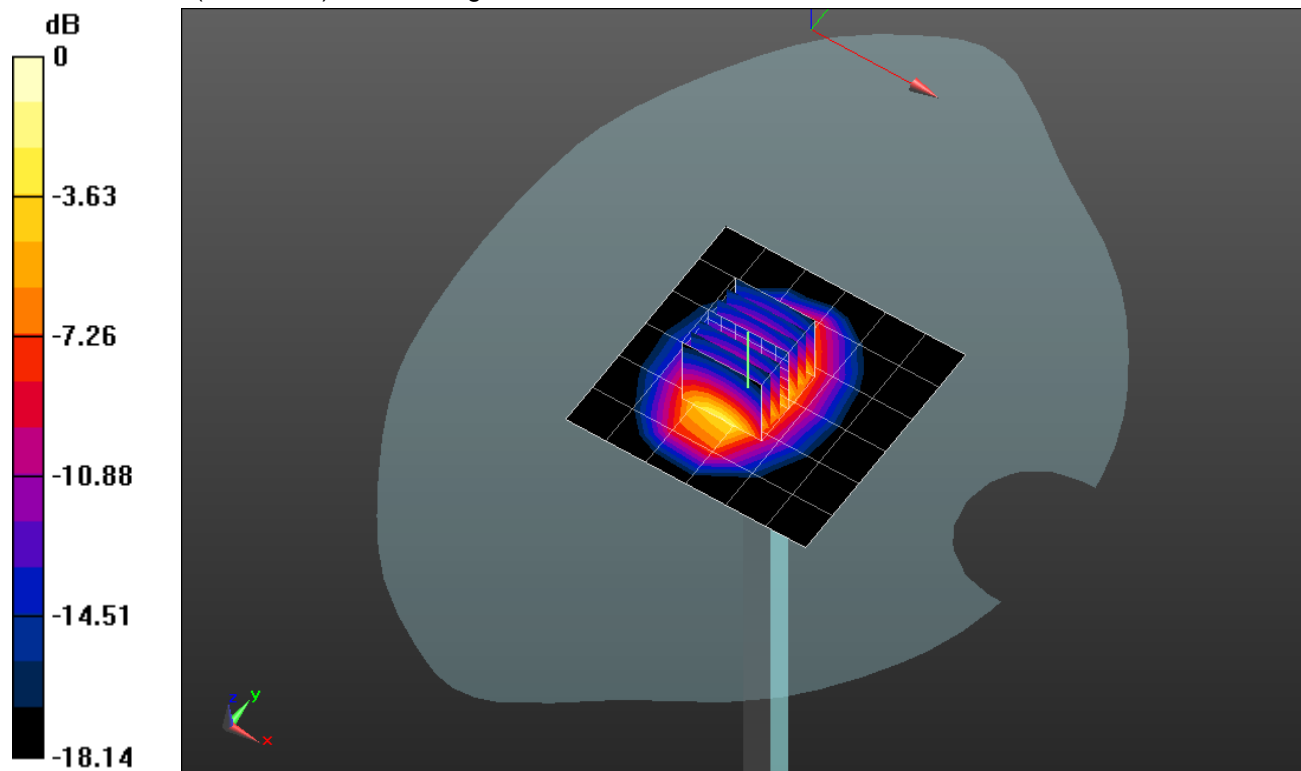
Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 1900 \text{ MHz}$ ;  $\sigma = 1.413 \text{ S/m}$ ;  $\epsilon_r = 40.532$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1433; Calibrated: 3/12/2015
- Probe: EX3DV4 - SN3991; ConvF(8.28, 8.28, 8.28); Calibrated: 5/19/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 A; Type: QD000P40CD; Serial: 1831

**Head/Pin=100 mW/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 4.46 W/kg

**Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 56.690 V/m; Power Drift = 0.04 dB  
 Peak SAR (extrapolated) = 7.35 W/kg  
**SAR(1 g) = 3.92 W/kg; SAR(10 g) = 2.02 W/kg**  
 Maximum value of SAR (measured) = 5.32 W/kg



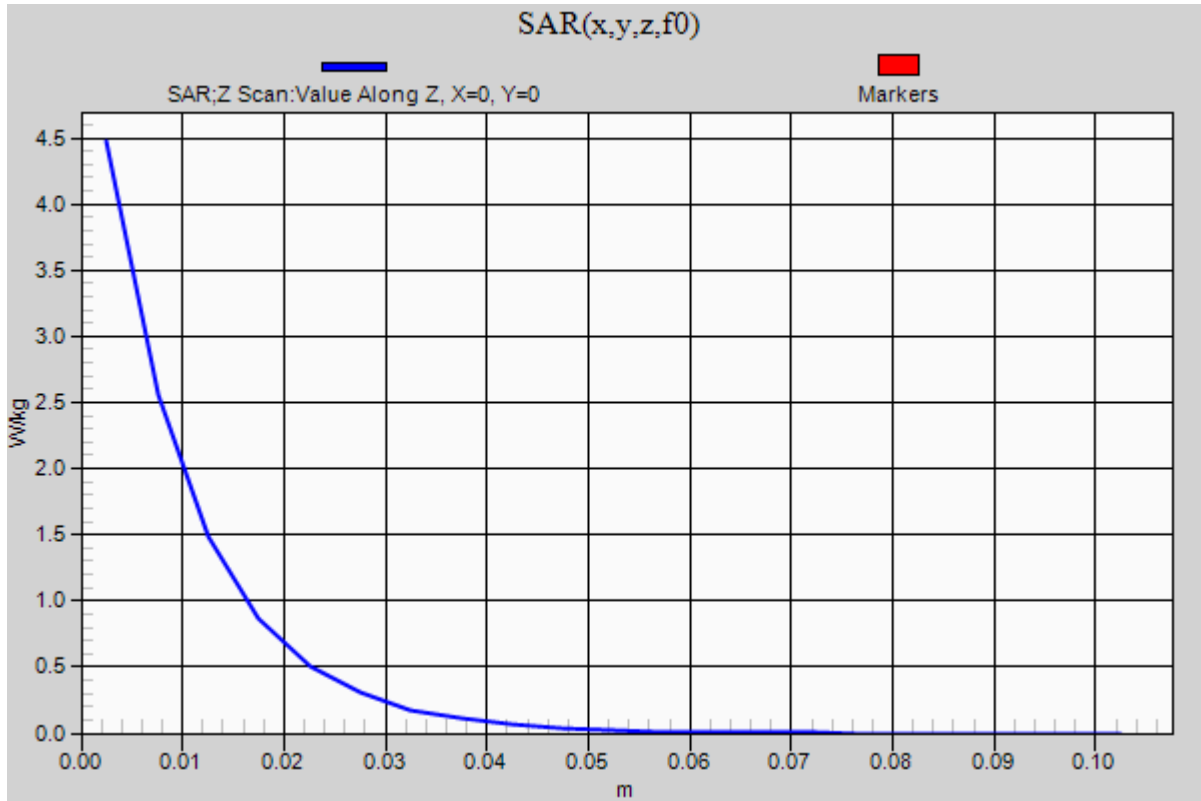
0 dB = 5.32 W/kg = 7.26 dBW/kg

### 10072015\_SystemPerformanceCheck-D1900V2 SN 5d043

Frequency: 1900 MHz; Duty Cycle: 1:1

**Head/Pin=100 mW/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 4.47 W/kg





### SystemPerformanceCheck-D5GHzV2 SN 1138

Frequency: 5200 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 5200 \text{ MHz}$ ;  $\sigma = 4.537 \text{ S/m}$ ;  $\epsilon_r = 36.139$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1472; Calibrated: 3/5/2015
- Probe: EX3DV4 - SN7335; ConvF(5.33, 5.33, 5.33); Calibrated: 3/13/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0 (Wi-Fi 5 GHz); Type: QD000P40CD; Serial: TP:xxxx

**Head/5.2 GHz, Pin=100mW/Area Scan (7x7x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (measured) = 19.1 W/kg

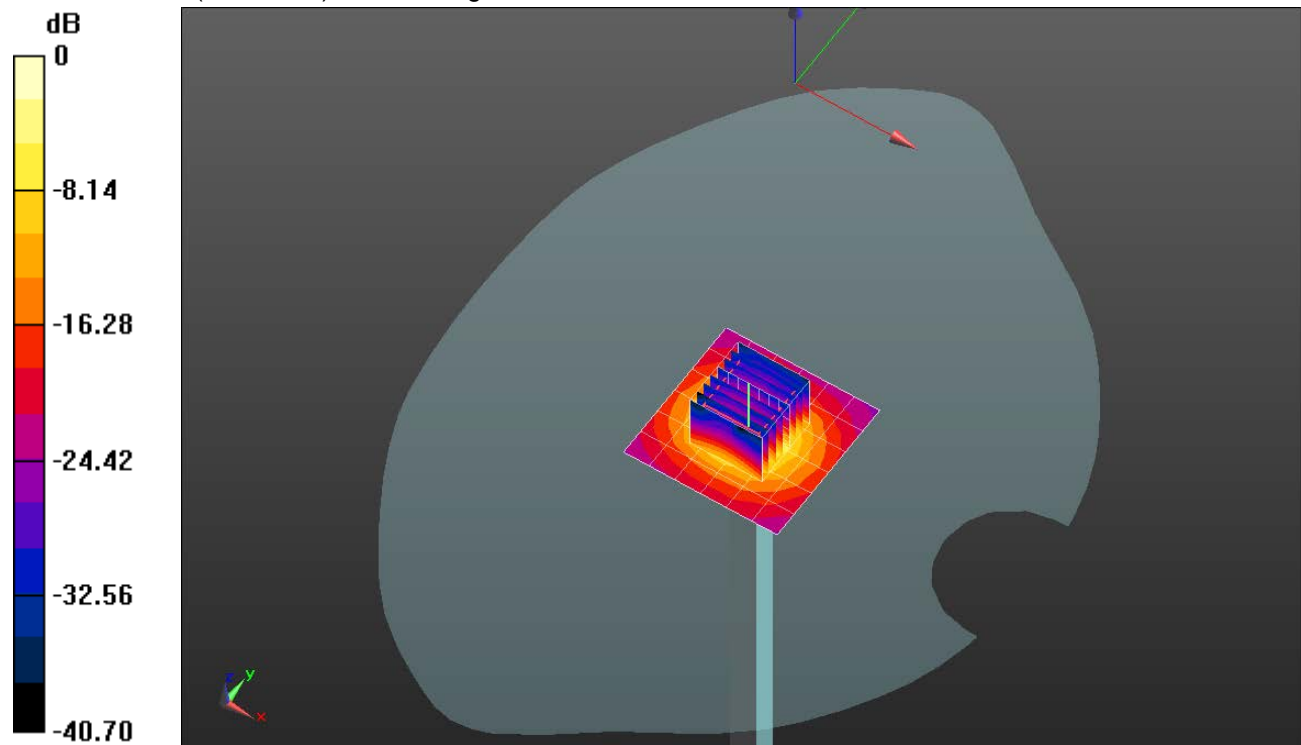
**Head/5.2 GHz, Pin=100mW/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 57.164 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 31.4 W/kg

**SAR(1 g) = 7.72 W/kg; SAR(10 g) = 2.21 W/kg**

Maximum value of SAR (measured) = 17.9 W/kg

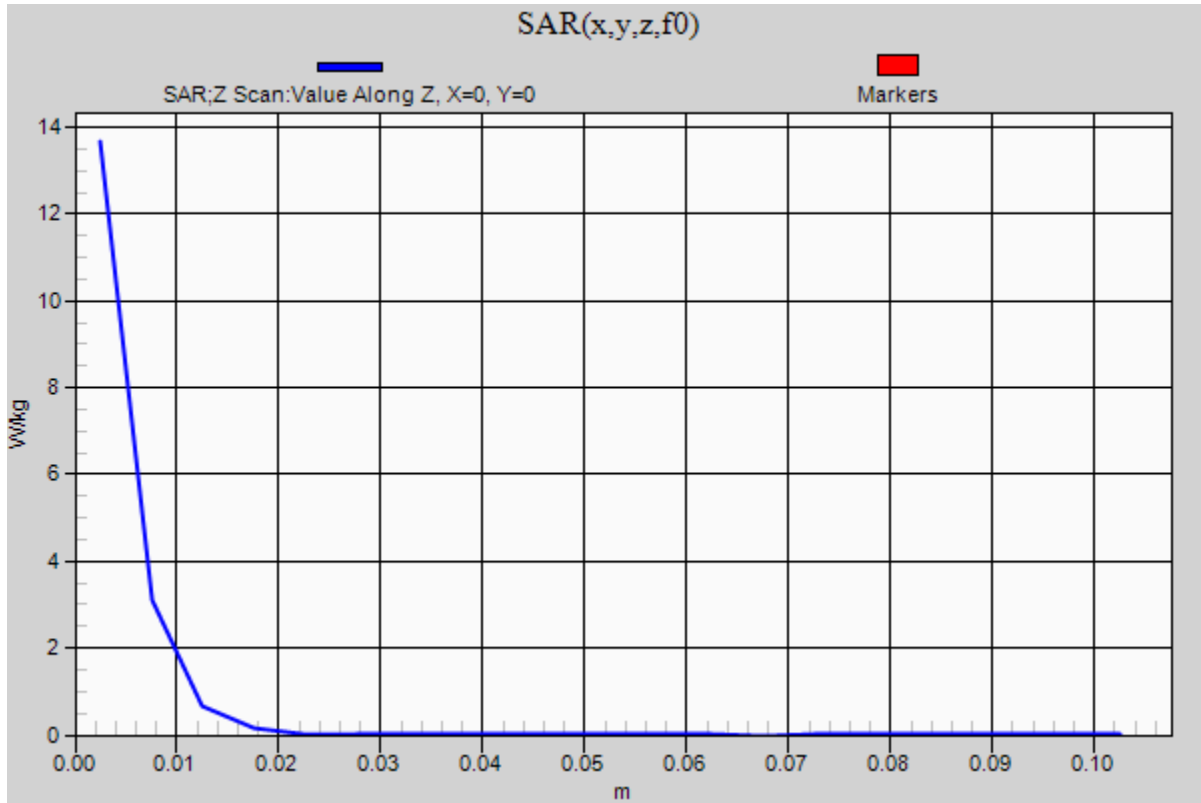


0 dB = 17.9 W/kg = 12.53 dBW/kg

### SystemPerformanceCheck-D5GHzV2 SN 1138

Frequency: 5200 MHz; Duty Cycle: 1:1

**Head/5.2 GHz, Pin=100mW/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 13.7 W/kg



## 20151009\_SystemPerformanceCheck-D835V2 SN 4d002

Frequency: 835 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 1.011 \text{ S/m}$ ;  $\epsilon_r = 54.302$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1472; Calibrated: 3/5/2015
- Probe: EX3DV4 - SN7335; ConvF(9.51, 9.51, 9.51); Calibrated: 3/13/2015;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 A; Type: SM 000 T01 DA; Serial: TP:1247

**Body/Pin=100 mW/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

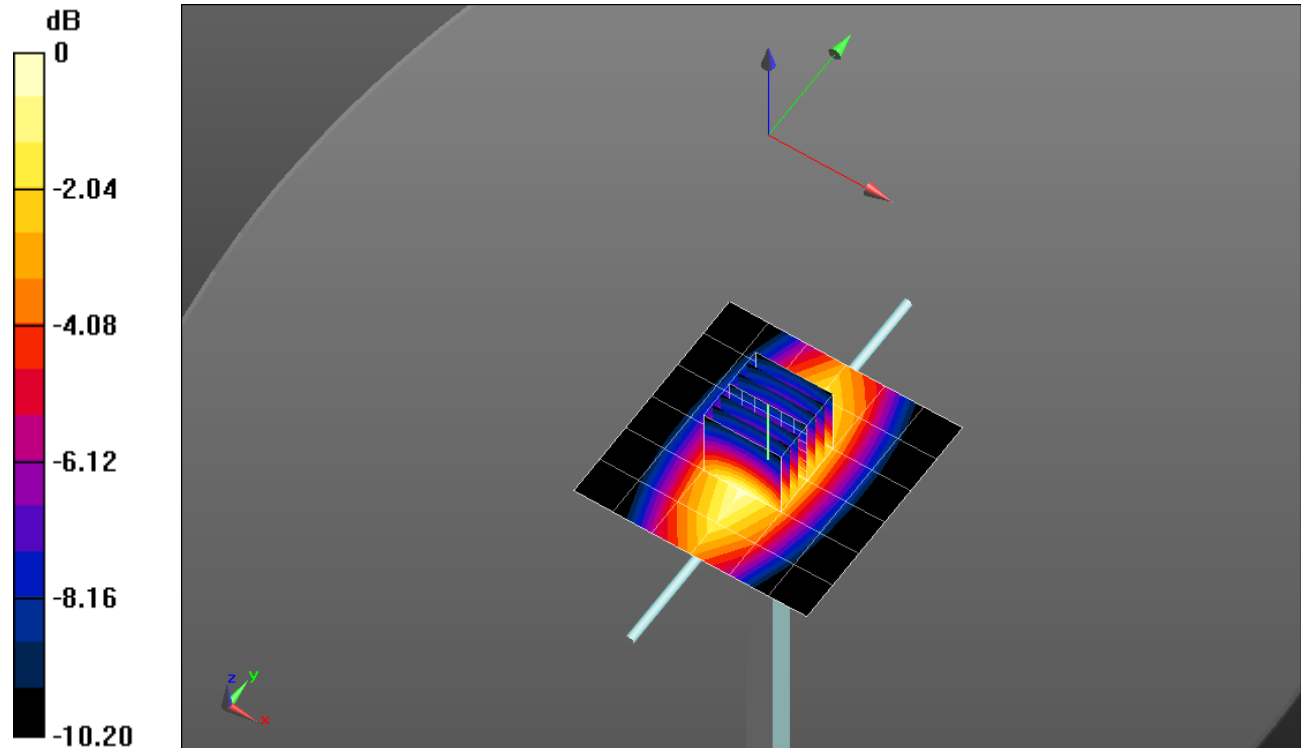
Maximum value of SAR (measured) = 1.14 W/kg

**Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 34.188 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.37 W/kg

**SAR(1 g) = 0.942 W/kg; SAR(10 g) = 0.622 W/kg**



0 dB = 1.14 W/kg = 0.57 dBW/kg

### 20151009\_SystemPerformanceCheck-D835V2 SN 4d002

Frequency: 835 MHz; Duty Cycle: 1:1

**Body/Pin=100 mW/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 1.14 W/kg

