

## 20130521\_SystemPerformanceCheck-D1900V2 SN 5d043

Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 1900 \text{ MHz}$ ;  $\sigma = 1.515 \text{ S/m}$ ;  $\epsilon_r = 50.983$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1359; Calibrated: 08.02.2013
- Probe: EX3DV4 - SN3902; ConvF(7.85, 7.85, 7.85); Calibrated: 27.02.2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx

**Body/Pin=100 mW 2/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 51.065 V/m; Power Drift = -0.07 dB

**Fast SAR: SAR(1 g) = 3.69 W/kg; SAR(10 g) = 1.88 W/kg**

Maximum value of SAR (interpolated) = 4.98 W/kg

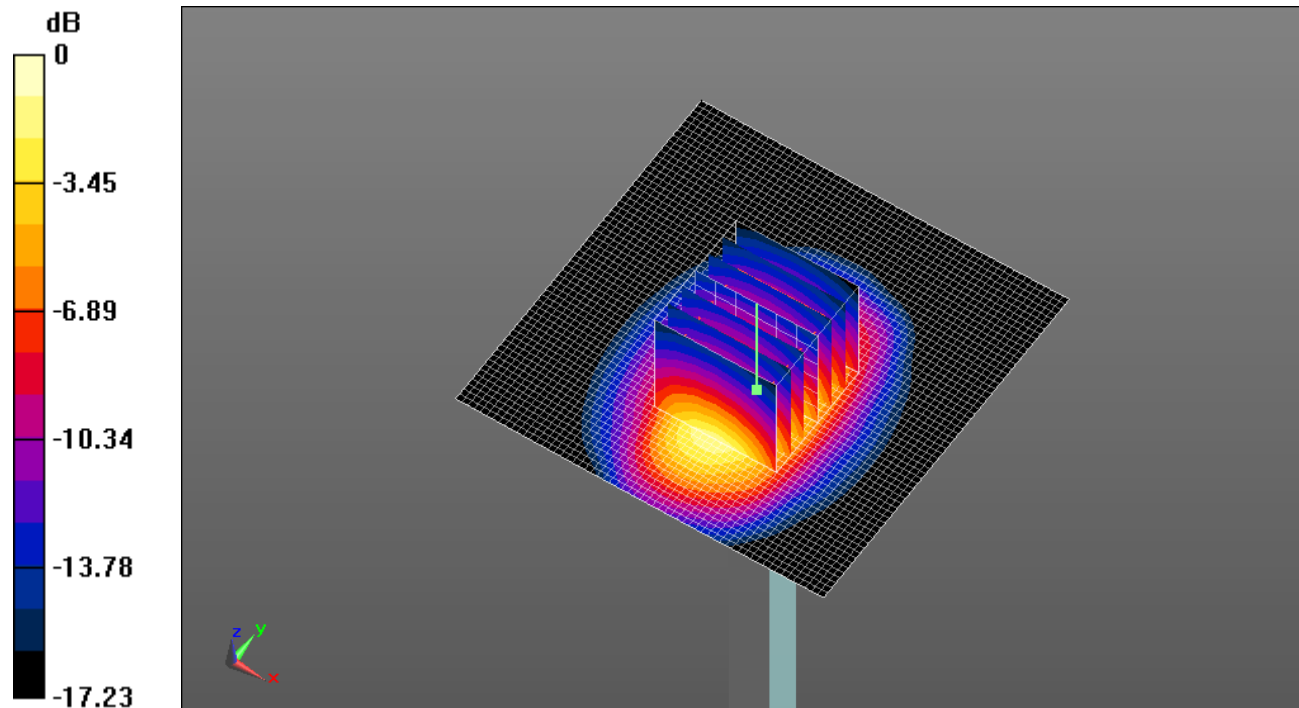
**Body/Pin=100 mW 2/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 51.065 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 6.69 W/kg

**SAR(1 g) = 3.73 W/kg; SAR(10 g) = 1.97 W/kg**

Maximum value of SAR (measured) = 5.01 W/kg

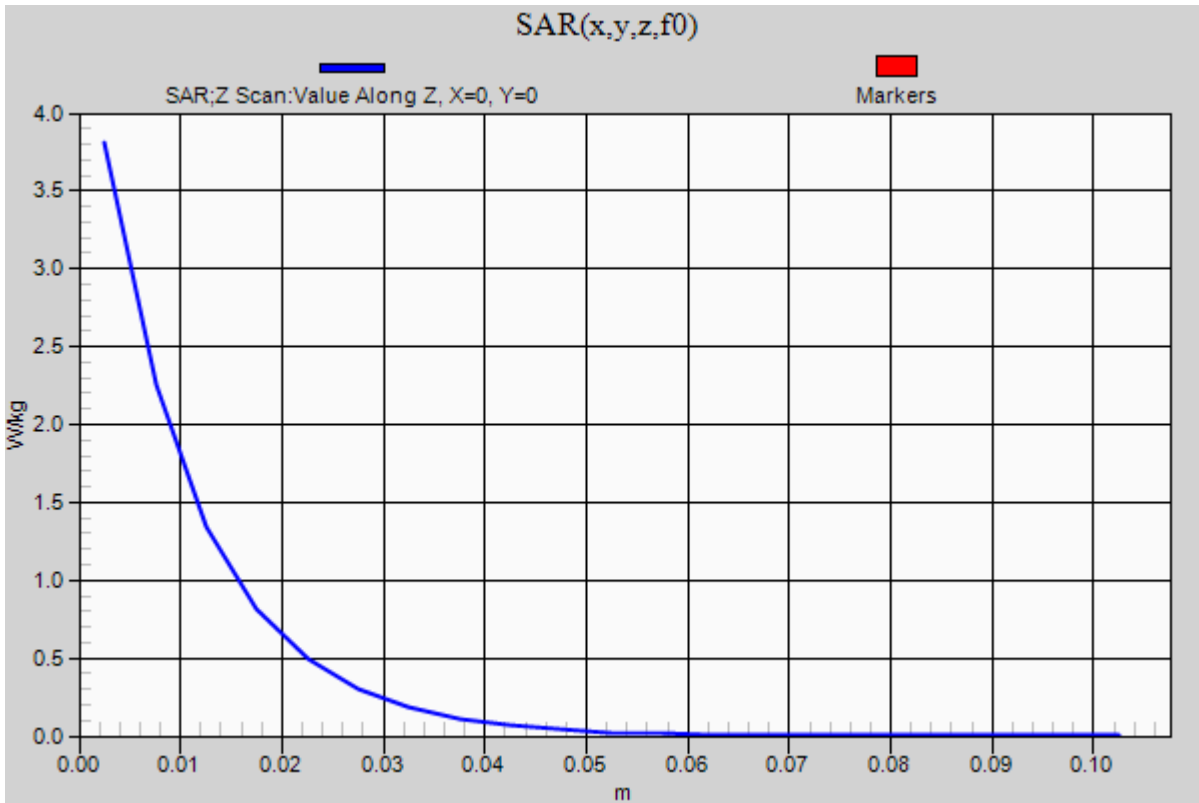


0 dB = 5.01 W/kg = 7.00 dBW/kg

### 20130521\_SystemPerformanceCheck-D1900V2 SN 5d043

Frequency: 1900 MHz; Duty Cycle: 1:1

**Body/Pin=100 mW 2/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 3.81 W/kg



## 20130523\_SystemPerformanceCheck-D1750V2 SN 1077

Frequency: 1750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 1750 \text{ MHz}$ ;  $\sigma = 1.504 \text{ S/m}$ ;  $\epsilon_r = 52.617$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1359; Calibrated: 08.02.2013
- Probe: EX3DV4 - SN3902; ConvF(8.07, 8.07, 8.07); Calibrated: 27.02.2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx

**Body/Pin=100 mW/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 56.920 V/m; Power Drift = 0.01 dB

**Fast SAR: SAR(1 g) = 3.71 W/kg; SAR(10 g) = 1.94 W/kg**

Maximum value of SAR (interpolated) = 4.85 W/kg

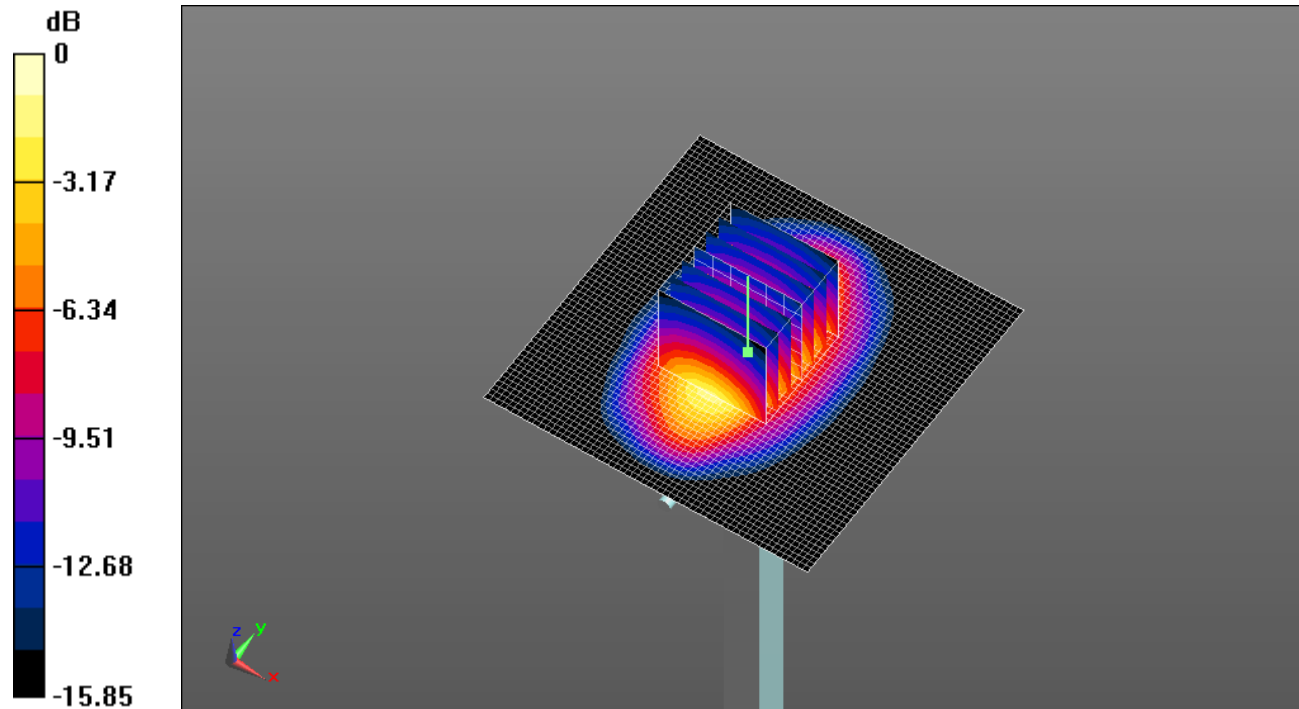
**Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 56.920 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 6.49 W/kg

**SAR(1 g) = 3.7 W/kg; SAR(10 g) = 2 W/kg**

Maximum value of SAR (measured) = 4.94 W/kg

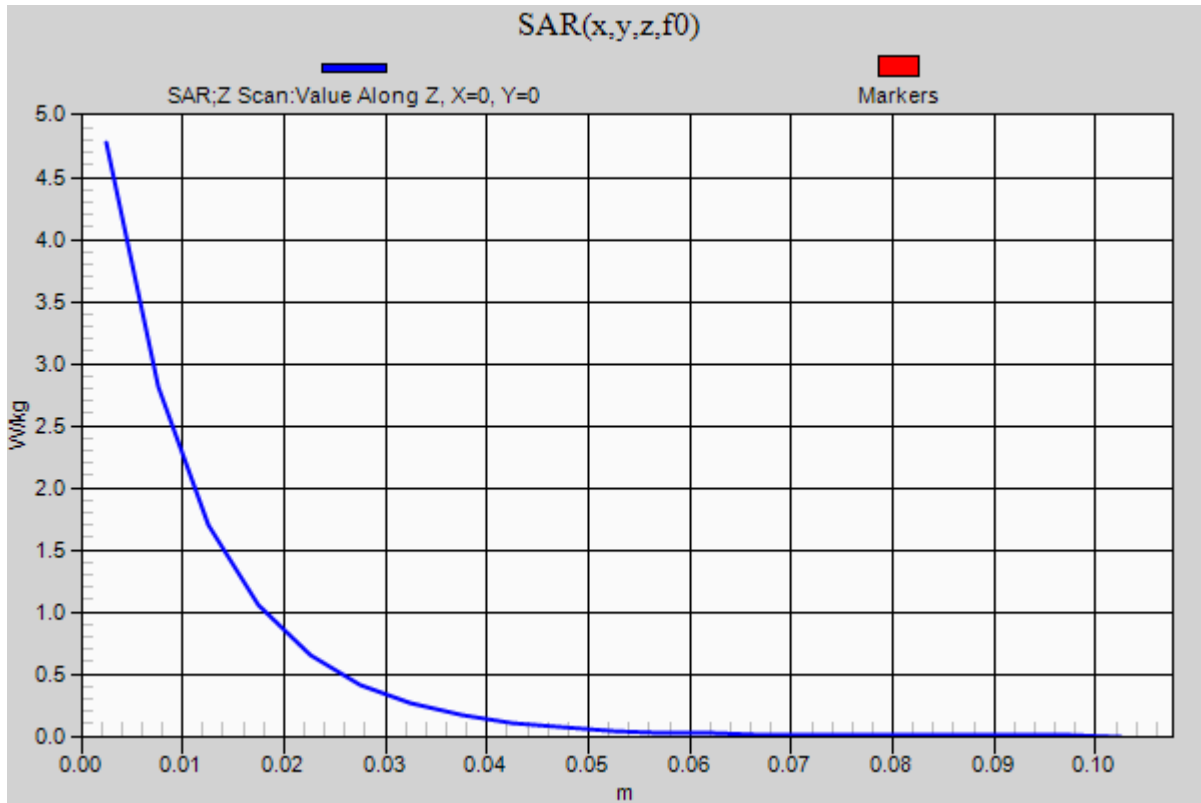


0 dB = 4.94 W/kg = 6.94 dBW/kg

### 20130523\_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) = 4.78 W/kg



**20130524\_SystemPerformanceCheck-D1900V2 SN 5d043**

Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.534$  S/m;  $\epsilon_r = 53.941$ ;  $\rho = 1000$  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
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1359; Calibrated: 08.02.2013
- Probe: EX3DV4 - SN3902; ConvF(7.85, 7.85, 7.85); Calibrated: 27.02.2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx

**Body/Pin=100 mW/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 56.093 V/m; Power Drift = -0.03 dB

**Fast SAR: SAR(1 g) = 4.06 W/kg; SAR(10 g) = 2.04 W/kg**

Maximum value of SAR (interpolated) = 5.51 W/kg

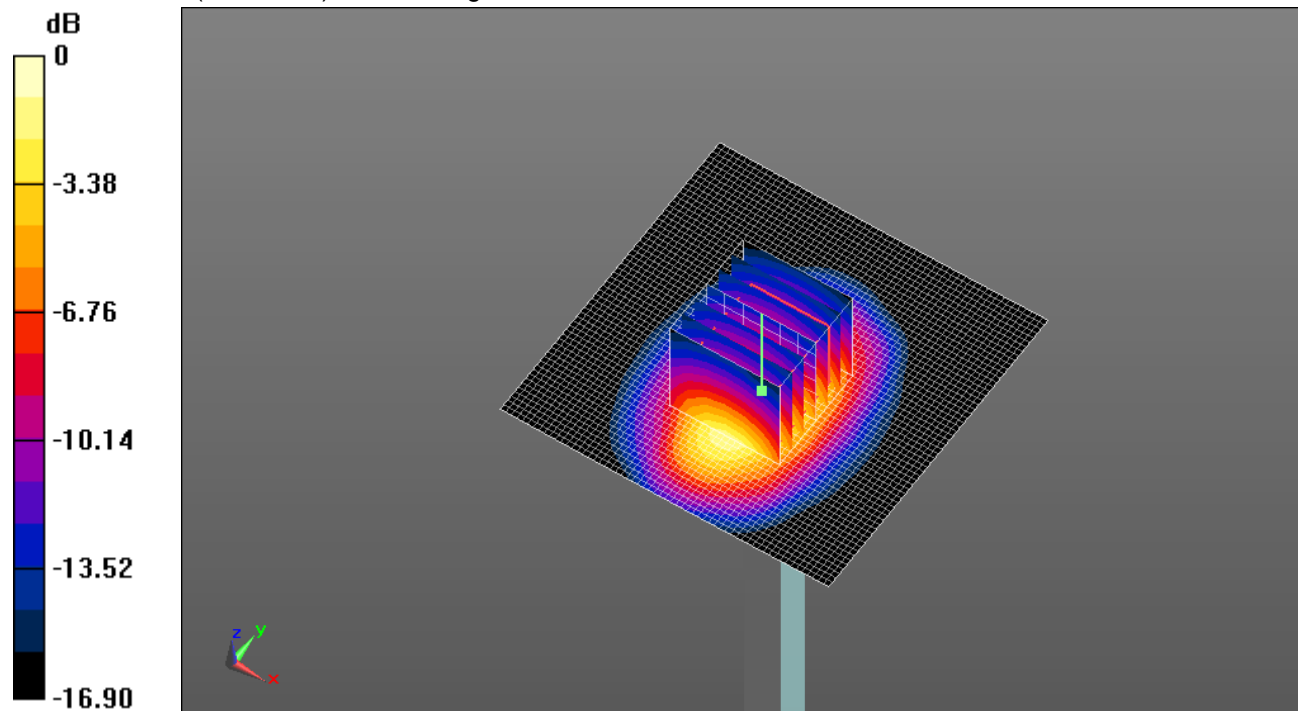
**Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 56.093 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 7.11 W/kg

**SAR(1 g) = 4.02 W/kg; SAR(10 g) = 2.14 W/kg**

Maximum value of SAR (measured) = 5.35 W/kg



0 dB = 5.35 W/kg = 7.28 dBW/kg

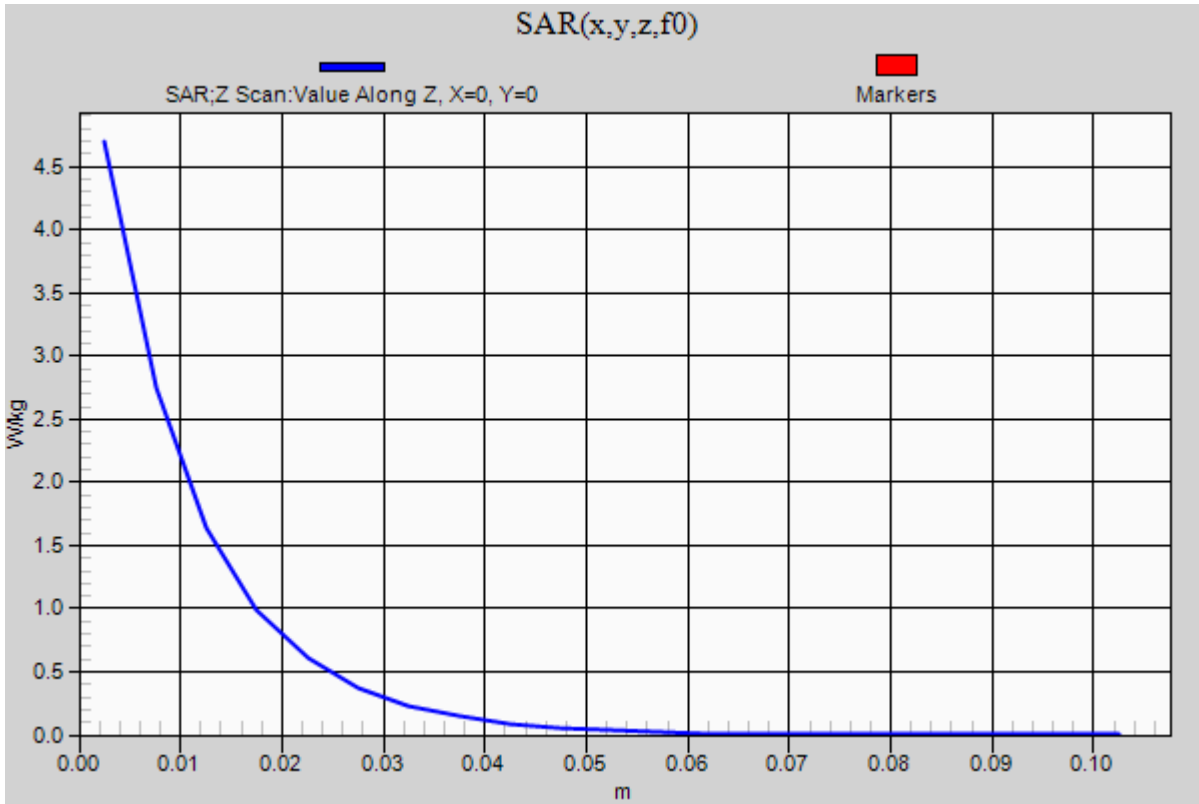
### 20130524\_SystemPerformanceCheck-D1900V2 SN 5d043



20130528\_SystemPerformanceCheck-D835V2 SN 4d142.da52

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) = 4.70 W/kg



**20130528\_SystemPerformanceCheck-D835V2 SN 4d142**

Frequency: 835 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
Medium parameters used:  $f = 835$  MHz;  $\sigma = 1.005$  S/m;  $\epsilon_r = 53.187$ ;  $\rho = 1000$  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
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1359; Calibrated: 08.02.2013
- Probe: EX3DV4 - SN3902; ConvF(9.96, 9.96, 9.96); Calibrated: 27.02.2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx

**Body/Pin=100 mW/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 34.520 V/m; Power Drift = 0.04 dB

**Fast SAR: SAR(1 g) = 1 W/kg; SAR(10 g) = 0.671 W/kg**

Maximum value of SAR (interpolated) = 1.19 W/kg

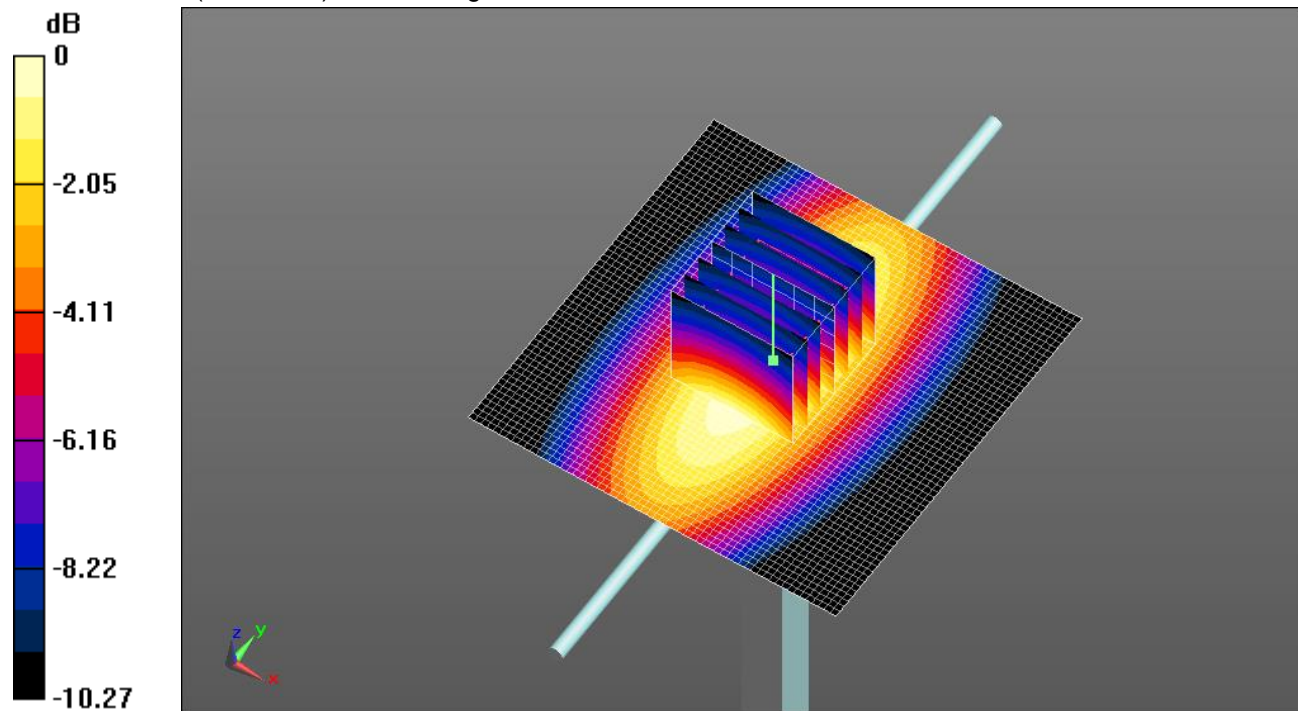
**Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 34.520 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.45 W/kg

**SAR(1 g) = 0.979 W/kg; SAR(10 g) = 0.646 W/kg**

Maximum value of SAR (measured) = 1.19 W/kg

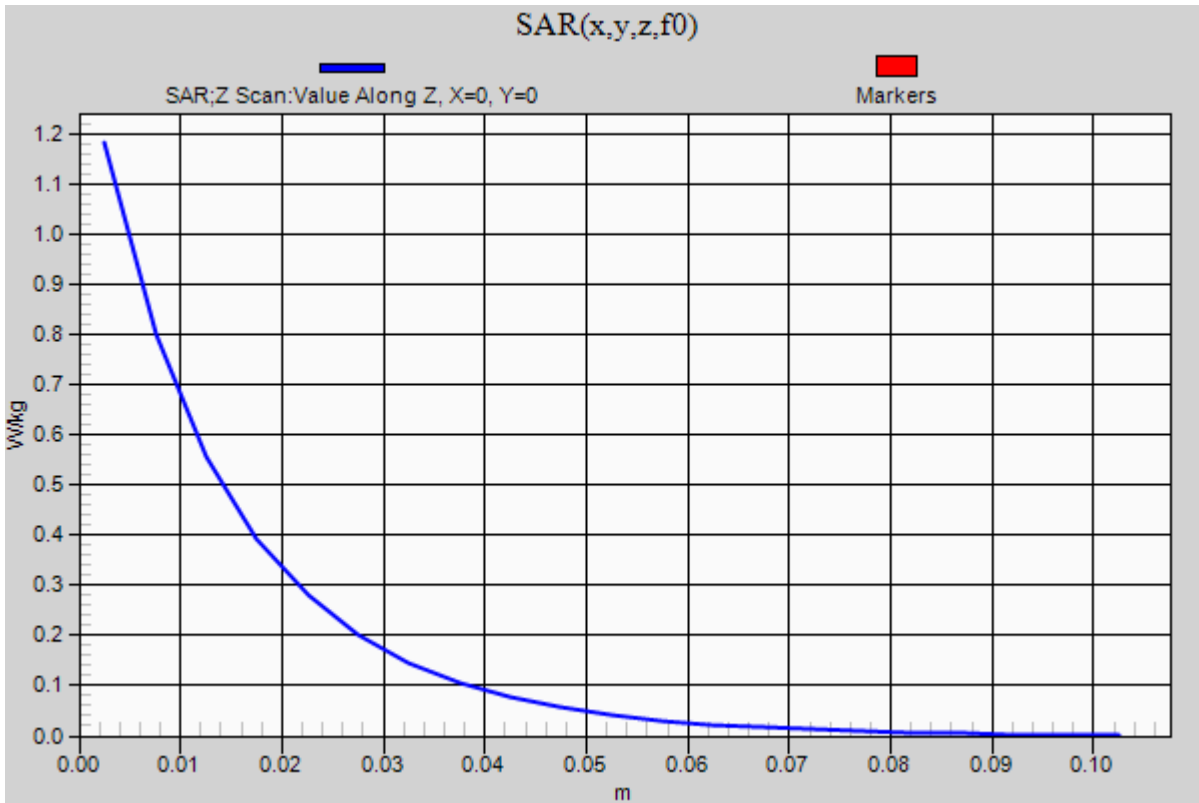


0 dB = 1.19 W/kg = 0.76 dBW/kg

### 20130528\_SystemPerformanceCheck-D835V2 SN 4d142

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) = 1.18 W/kg



## 20130529\_SystemPerformanceCheck-D750V3 SN 1019

Frequency: 750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
Medium parameters used:  $f = 750$  MHz;  $\sigma = 0.987$  S/m;  $\epsilon_r = 54.623$ ;  $\rho = 1000$  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
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1359; Calibrated: 08.02.2013
- Probe: EX3DV4 - SN3902; ConvF(10.11, 10.11, 10.11); Calibrated: 27.02.2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx

**Body/Pin=100 mW/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 31.998 V/m; Power Drift = -0.08 dB

**Fast SAR: SAR(1 g) = 0.878 W/kg; SAR(10 g) = 0.597 W/kg**

Maximum value of SAR (interpolated) = 1.04 W/kg

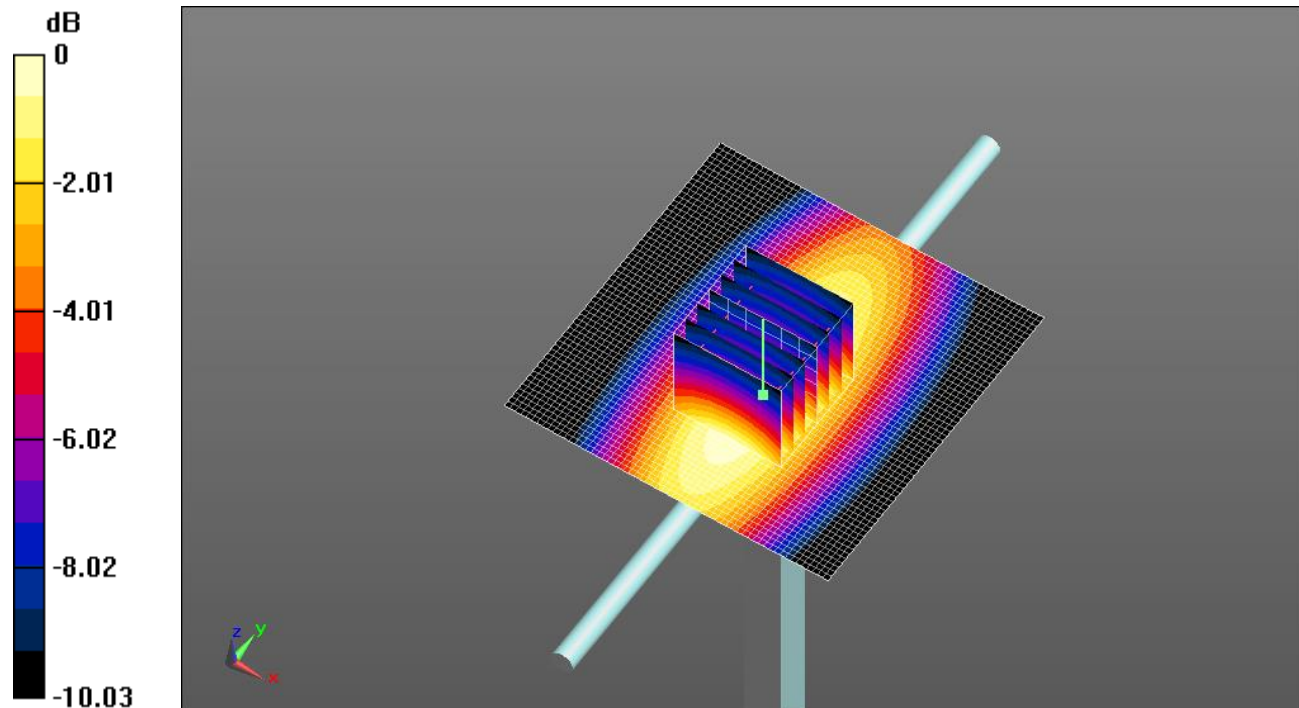
**Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 31.998 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.27 W/kg

**SAR(1 g) = 0.856 W/kg; SAR(10 g) = 0.569 W/kg**

Maximum value of SAR (measured) = 1.04 W/kg

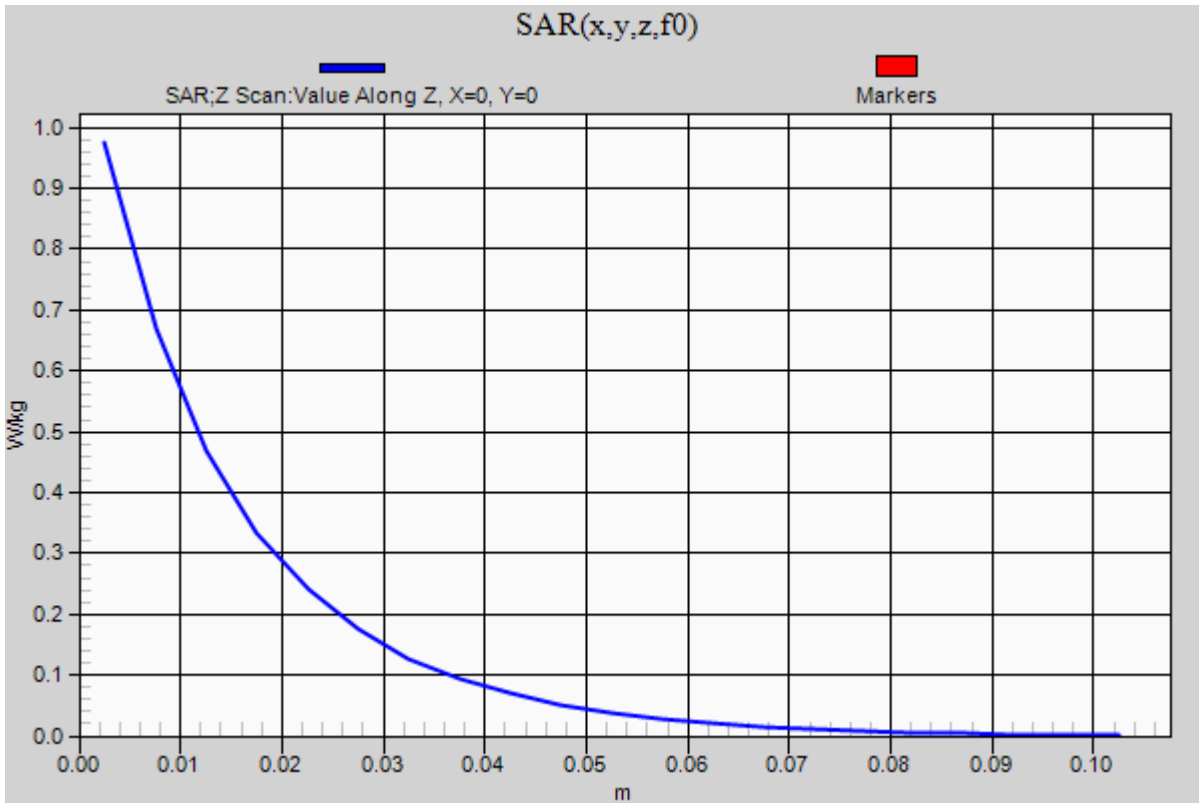


0 dB = 1.04 W/kg = 0.17 dBW/kg

### 20130529\_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) = 0.975 W/kg



## 20130531\_SystemPerformanceCheck-D835V2 SN 4d002

Frequency: 835 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.986 \text{ S/m}$ ;  $\epsilon_r = 53.285$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1359; Calibrated: 08.02.2013
- Probe: EX3DV4 - SN3902; ConvF(9.96, 9.96, 9.96); Calibrated: 27.02.2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx

**Body/Pin=100 mW/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 34.100 V/m; Power Drift = 0.01 dB

**Fast SAR: SAR(1 g) = 0.947 W/kg; SAR(10 g) = 0.634 W/kg**

Maximum value of SAR (interpolated) = 1.12 W/kg

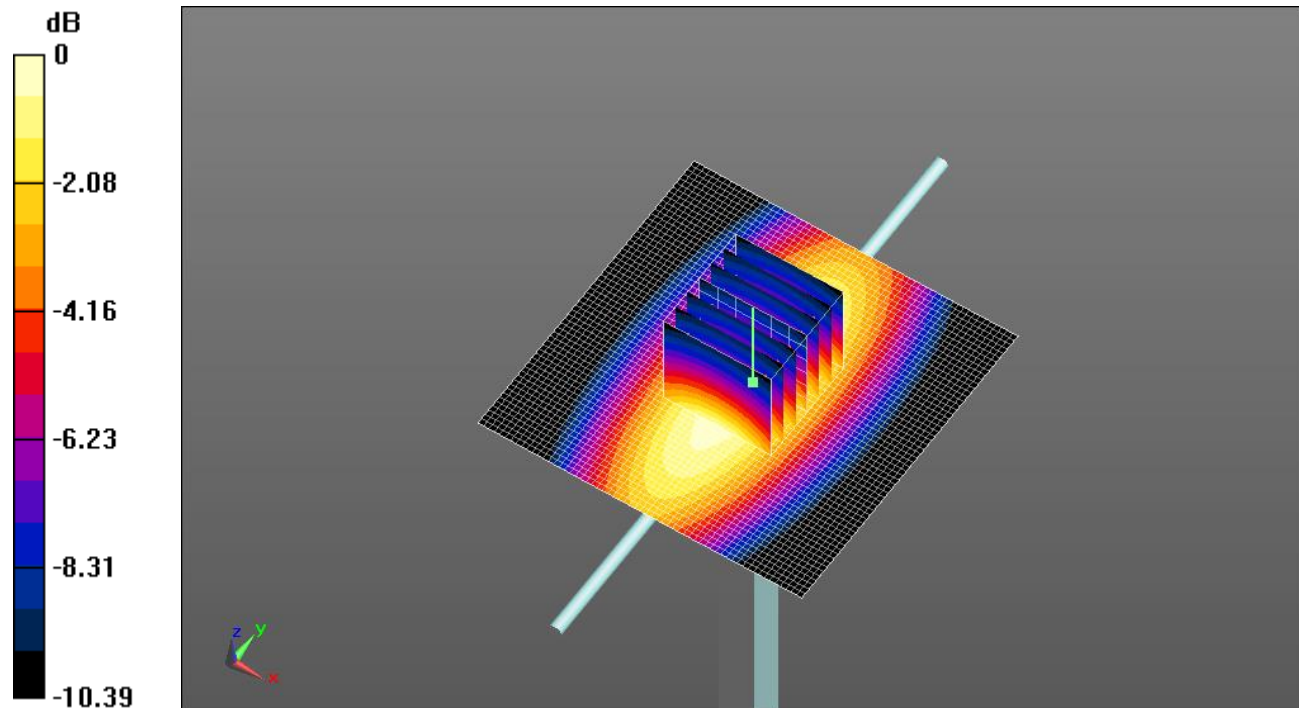
**Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 34.100 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.38 W/kg

**SAR(1 g) = 0.924 W/kg; SAR(10 g) = 0.604 W/kg**

Maximum value of SAR (measured) = 1.13 W/kg

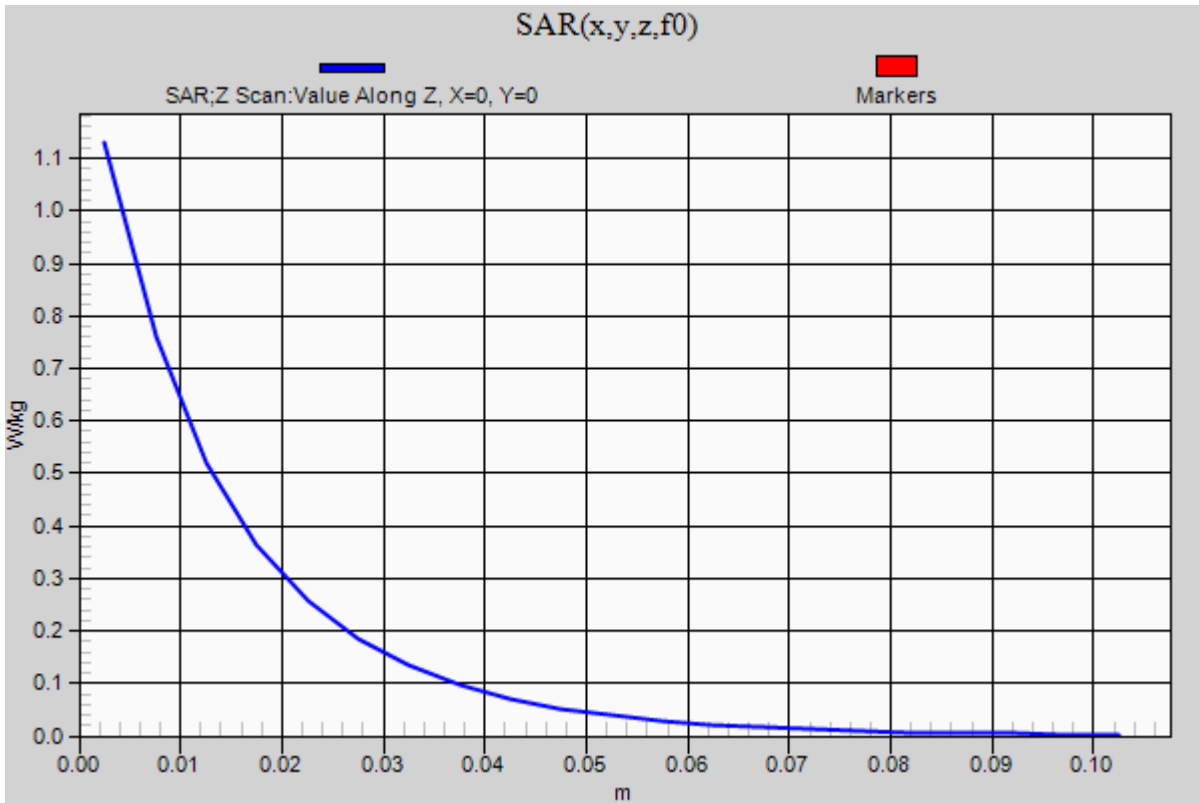


0 dB = 1.13 W/kg = 0.53 dBW/kg

### 20130531\_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) = 1.13 W/kg



## 20130605\_SystemPerformanceCheck-D1750V2 SN 1053

Frequency: 1750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 1750 \text{ MHz}$ ;  $\sigma = 1.474 \text{ S/m}$ ;  $\epsilon_r = 53.056$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1359; Calibrated: 08.02.2013
- Probe: EX3DV4 - SN3773; ConvF(7.29, 7.29, 7.29); Calibrated: 26.04.2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx

**Body/Pin=100 mW 2/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 52.974 V/m; Power Drift = -0.04 dB

**Fast SAR: SAR(1 g) = 3.67 W/kg; SAR(10 g) = 1.92 W/kg**

Maximum value of SAR (interpolated) = 4.91 W/kg

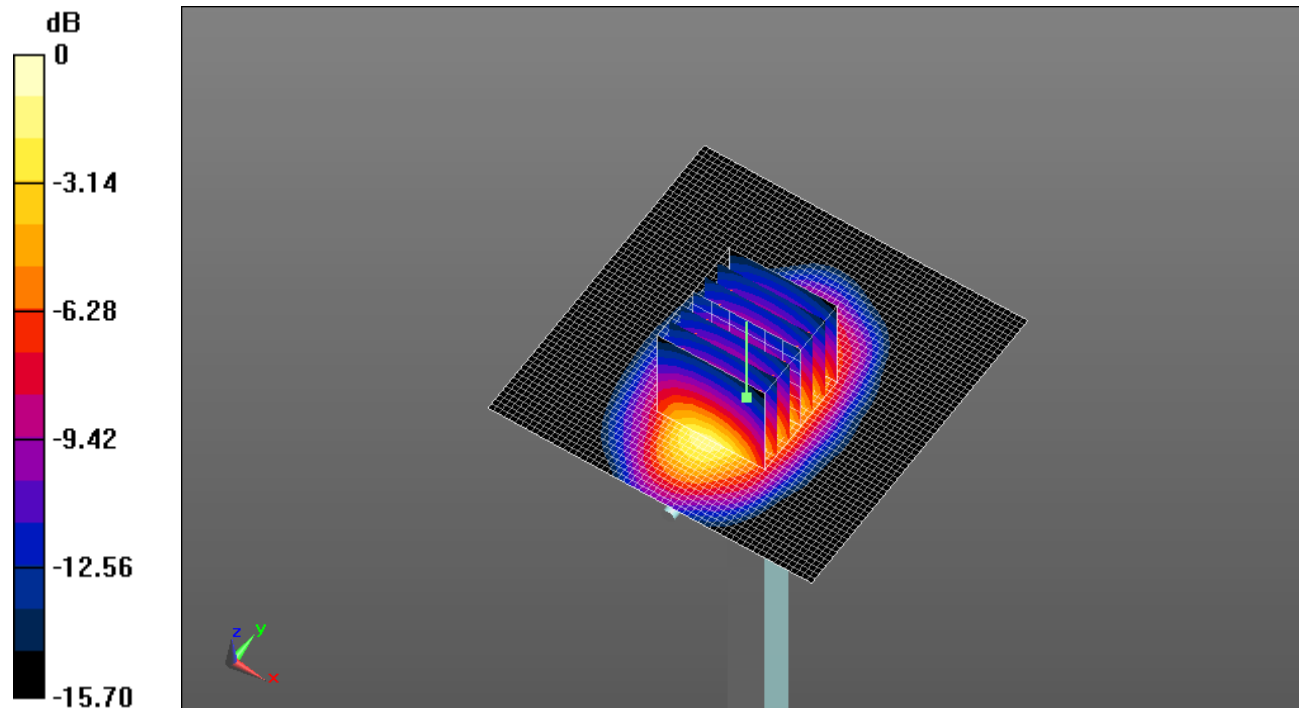
**Body/Pin=100 mW 2/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 52.974 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 6.33 W/kg

**SAR(1 g) = 3.62 W/kg; SAR(10 g) = 1.96 W/kg**

Maximum value of SAR (measured) = 4.81 W/kg

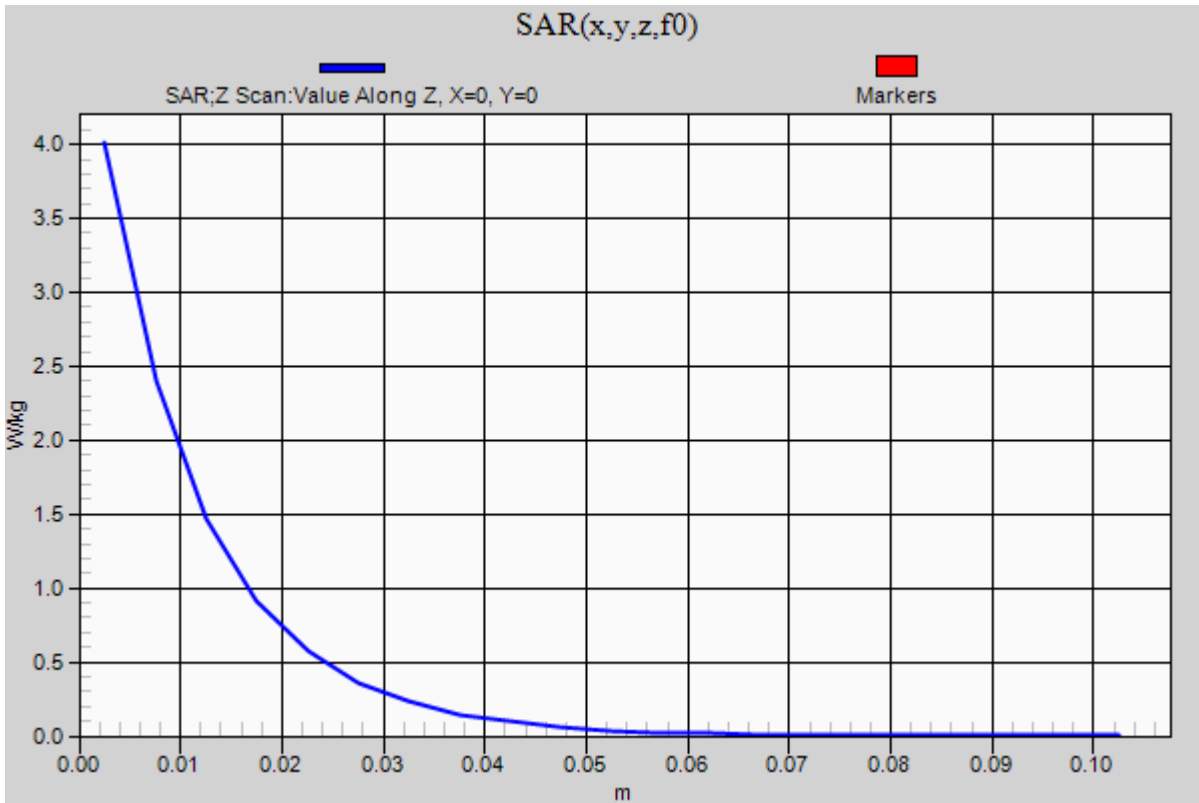


0 dB = 4.81 W/kg = 6.82 dBW/kg

### 20130605\_SystemPerformanceCheck-D1750V2 SN 1053

Frequency: 1750 MHz; Duty Cycle: 1:1

**Body/Pin=100 mW 2/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 4.01 W/kg



## 20130614\_SystemPerformanceCheck-D835V2 SN 4d002

Frequency: 835 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 1.021 \text{ S/m}$ ;  $\epsilon_r = 53.286$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1359; Calibrated: 08.02.2013
- Probe: EX3DV4 - SN3773; ConvF(8.78, 8.78, 8.78); Calibrated: 26.04.2013;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx

**Body/Pin=100 mW/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 33.183 V/m; Power Drift = -0.05 dB

**Fast SAR: SAR(1 g) = 0.983 W/kg; SAR(10 g) = 0.660 W/kg**

Maximum value of SAR (interpolated) = 1.17 W/kg

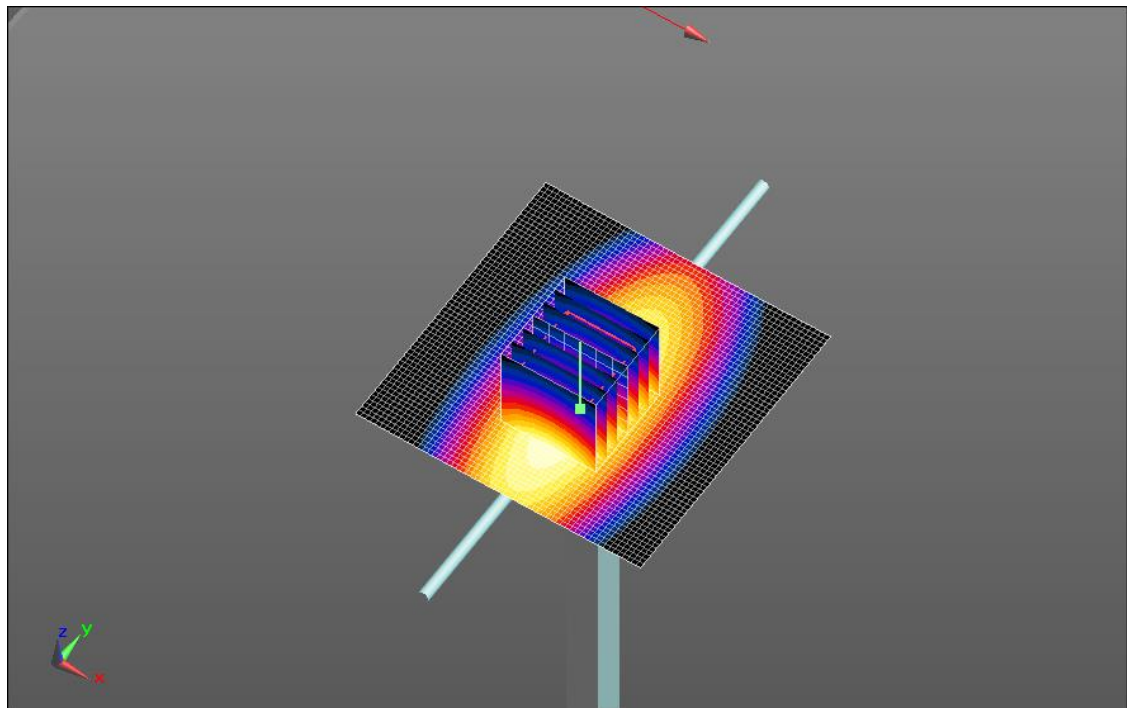
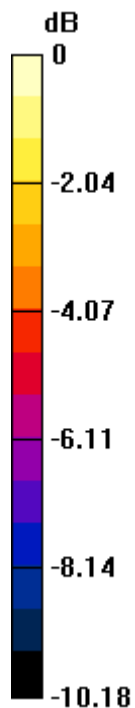
**Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 33.183 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.40 W/kg

**SAR(1 g) = 0.957 W/kg; SAR(10 g) = 0.633 W/kg**

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



0 dB = 1.16 W/kg = 0.64 dBW/kg

### 20130614\_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) = 1.08 W/kg

