

## 20190129\_SystemPerformanceCheck-D2600V2 SN 1097

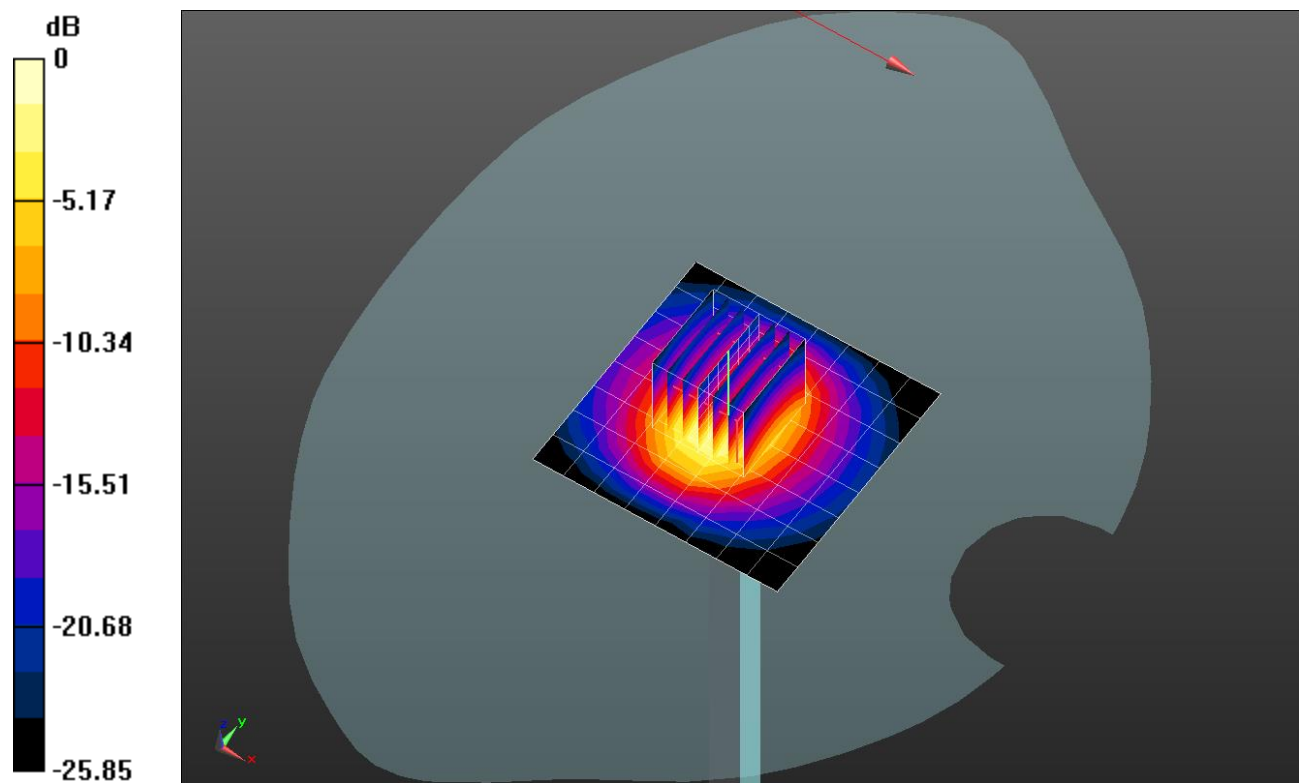
Frequency: 2600 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 2600$  MHz;  $\sigma = 2.018$  S/m;  $\epsilon_r = 38.428$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 Sn1494; Calibrated: 2018-07-23
- Probe: EX3DV4 - SN7376; ConvF(7.3, 7.3, 7.3); Calibrated: 2018-09-26;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0\_Front; Type: QD000P40CD; Serial: TP:1877

**Head/Pin=100 mW/Area Scan (9x9x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (measured) = 7.96 W/kg

**Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 66.57 V/m; Power Drift = 0.02 dB  
 Peak SAR (extrapolated) = 14.1 W/kg  
**SAR(1 g) = 6.05 W/kg; SAR(10 g) = 2.64 W/kg**  
 Maximum value of SAR (measured) = 8.94 W/kg

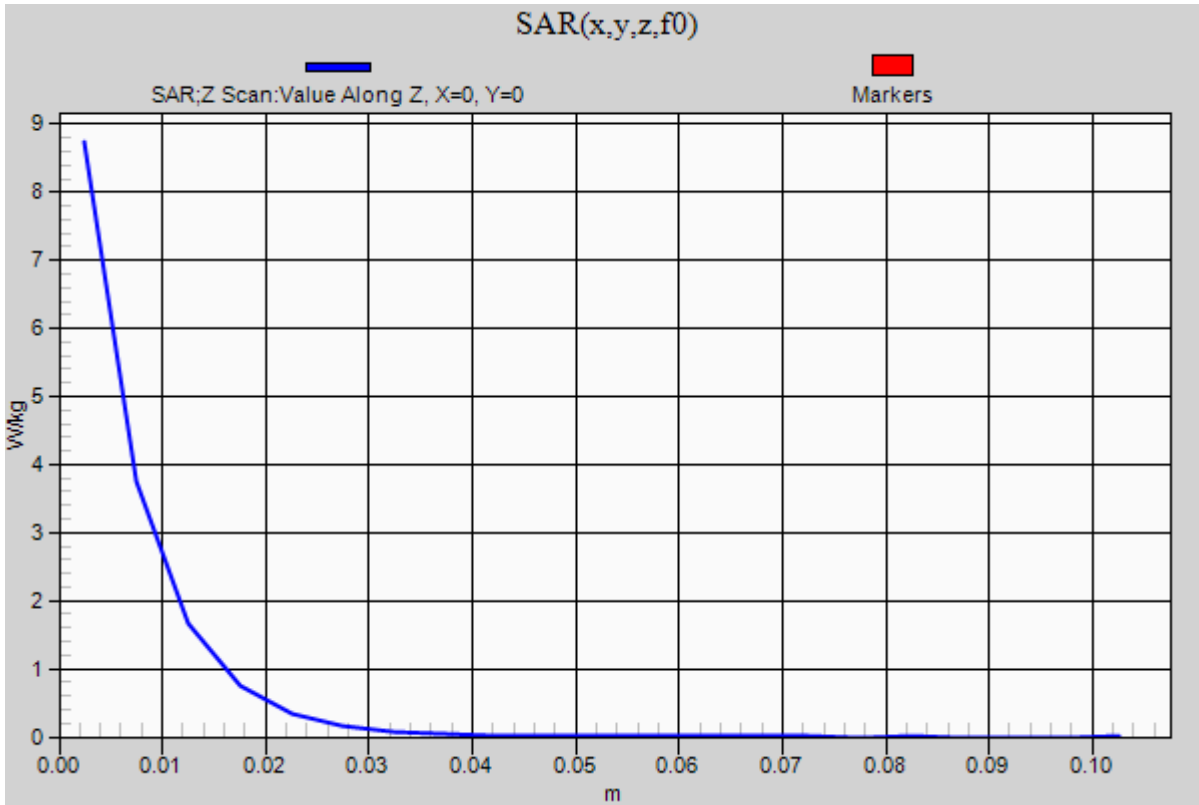


0 dB = 8.94 W/kg = 9.51 dBW/kg

### 20190129\_SystemPerformanceCheck-D2600V2 SN 1097

Frequency: 2600 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) = 8.74 W/kg



**20190114\_SystemPerformanceCheck-D835V2 SN 4d194**

Frequency: 835 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.97$  S/m;  $\epsilon_r = 54.028$ ;  $\rho = 1000$  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 Sn1447; Calibrated: 2018-03-15
- Probe: EX3DV4 - SN7313; ConvF(9.59, 9.59, 9.59); Calibrated: 2018-02-20;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005

**Body/Pin=100 mW/Area Scan (5x13x1):** Measurement grid: dx=15mm, dy=15mm

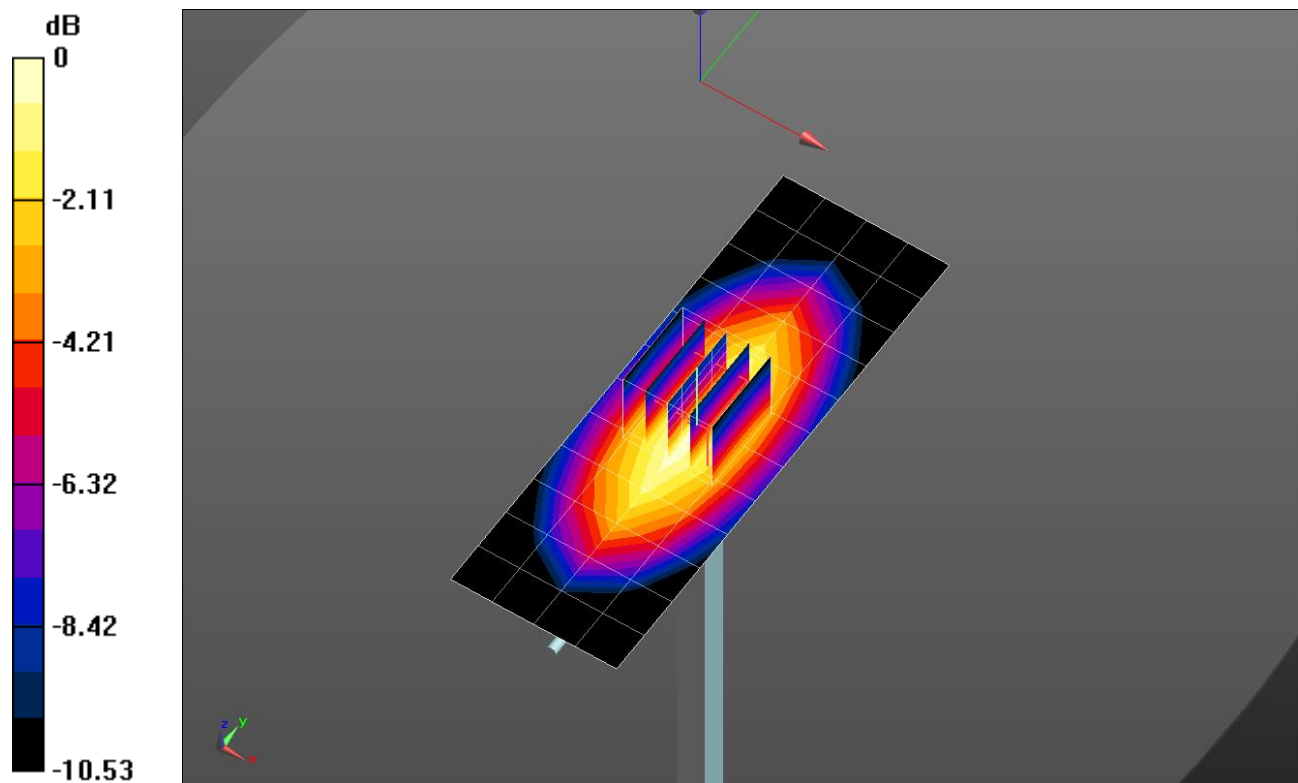
Maximum value of SAR (measured) = 1.27 W/kg

**Body/Pin=100 mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.51 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.56 W/kg

**SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.681 W/kg**

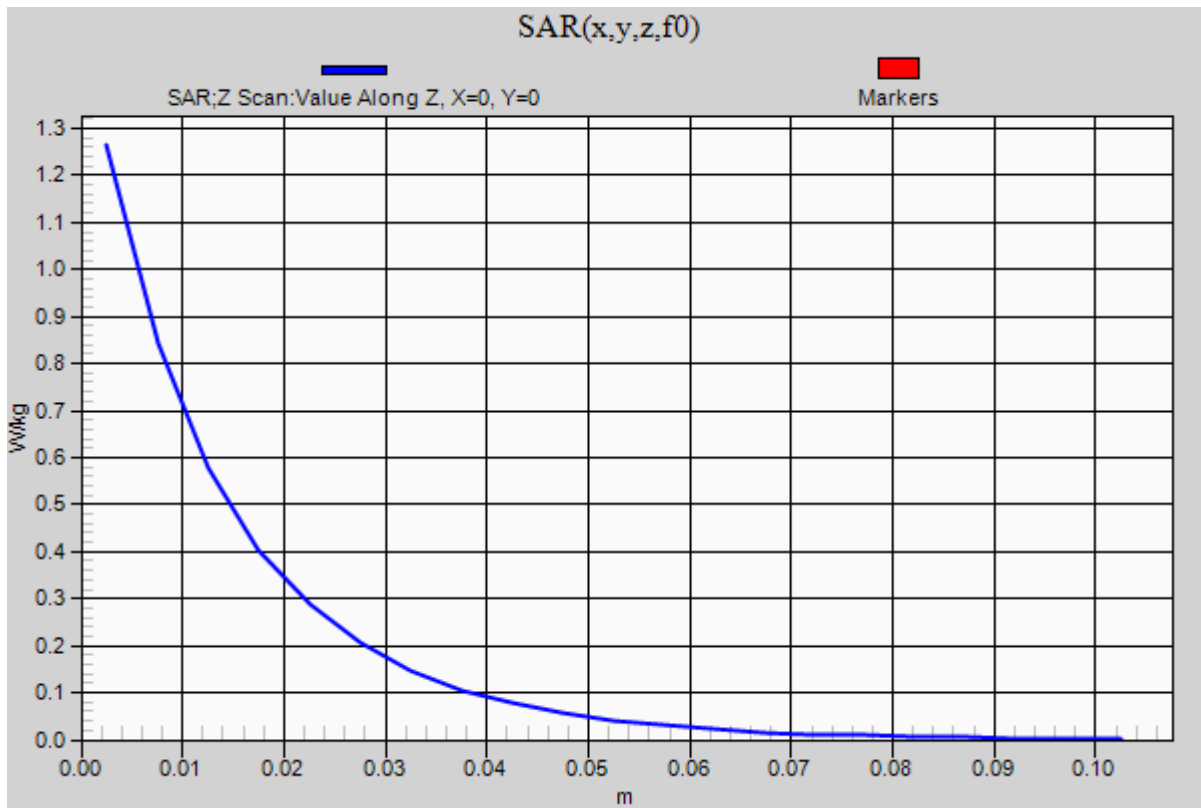


0 dB = 1.27 W/kg = 1.04 dBW/kg

### 20190114\_SystemPerformanceCheck-D835V2 SN 4d194

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) = 1.26 W/kg



**20190114\_SystemPerformanceCheck-D1750V2 SN 1125**

Frequency: 1750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.453$  S/m;  $\epsilon_r = 54.659$ ;  $\rho = 1000$  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 Sn1468; Calibrated: 2018-08-22
- Probe: EX3DV4 - SN7314; ConvF(8.03, 8.03, 8.03); Calibrated: 2018-08-30;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005

**Body/Pin=100 mW/Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 3.92 W/kg

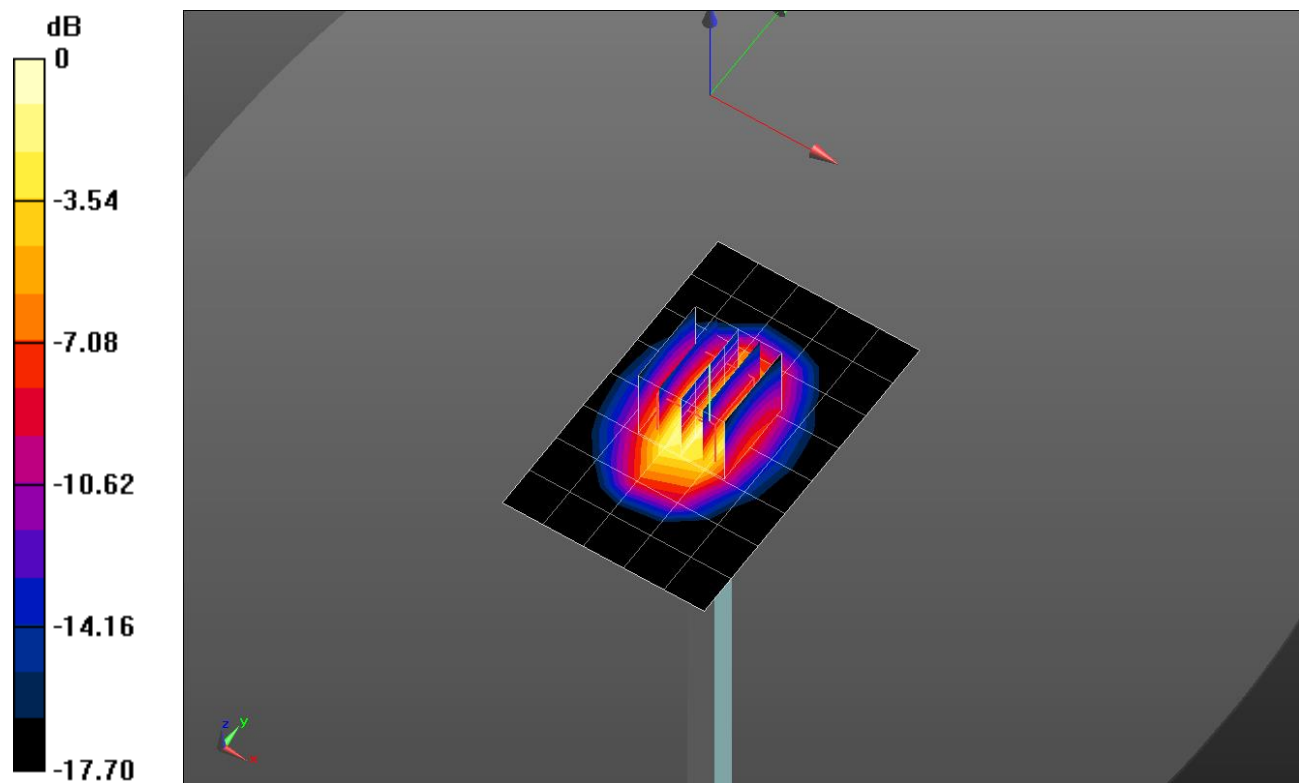
**Body/Pin=100 mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 57.05 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 6.32 W/kg

**SAR(1 g) = 3.51 W/kg; SAR(10 g) = 1.83 W/kg**

Maximum value of SAR (measured) = 4.71 W/kg

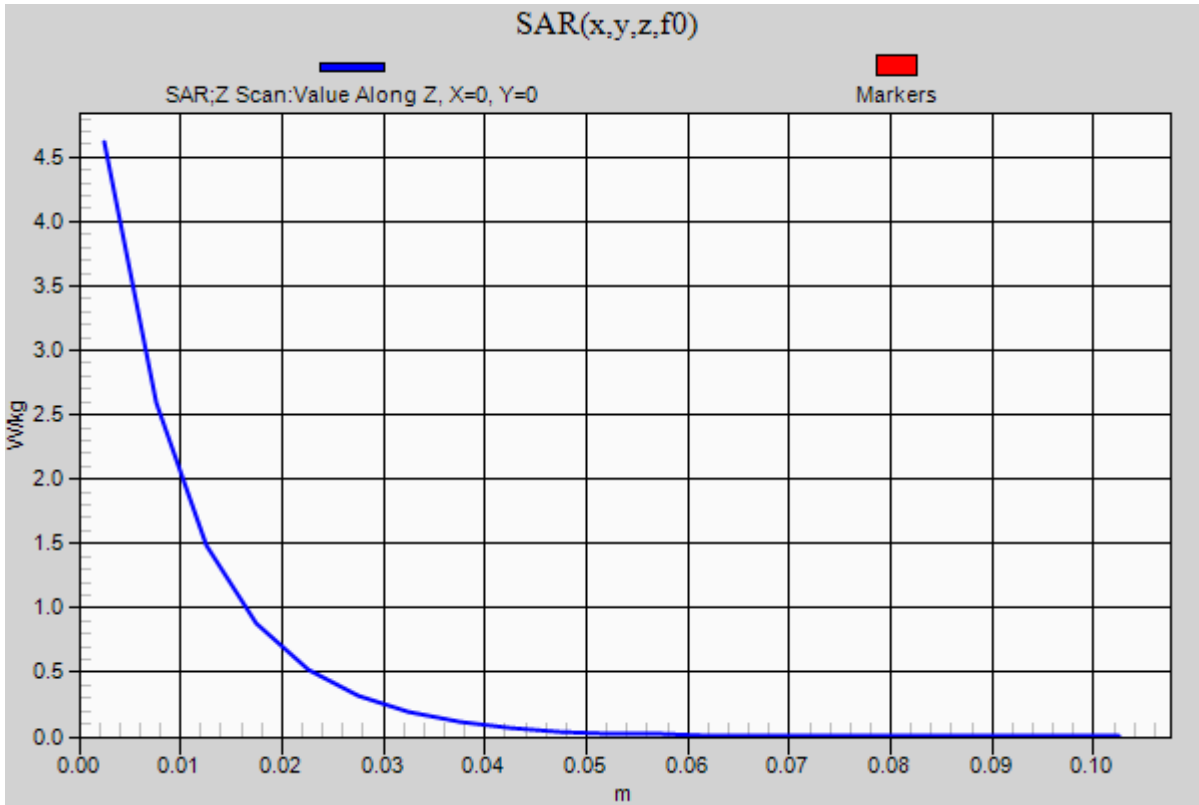


0 dB = 4.71 W/kg = 6.73 dBW/kg

### 20190114\_SystemPerformanceCheck-D1750V2 SN 1125

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) = 4.62 W/kg



**20190116\_SystemPerformanceCheck-D750V3 SN 1122**

Frequency: 750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
Medium parameters used:  $f = 750$  MHz;  $\sigma = 0.967$  S/m;  $\epsilon_r = 57.438$ ;  $\rho = 1000$  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 Sn1447; Calibrated: 2018-03-15
- Probe: EX3DV4 - SN7313; ConvF(9.82, 9.82, 9.82); Calibrated: 2018-02-20;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005

**Body/Pin=100 mW/Area Scan (7x14x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.07 W/kg

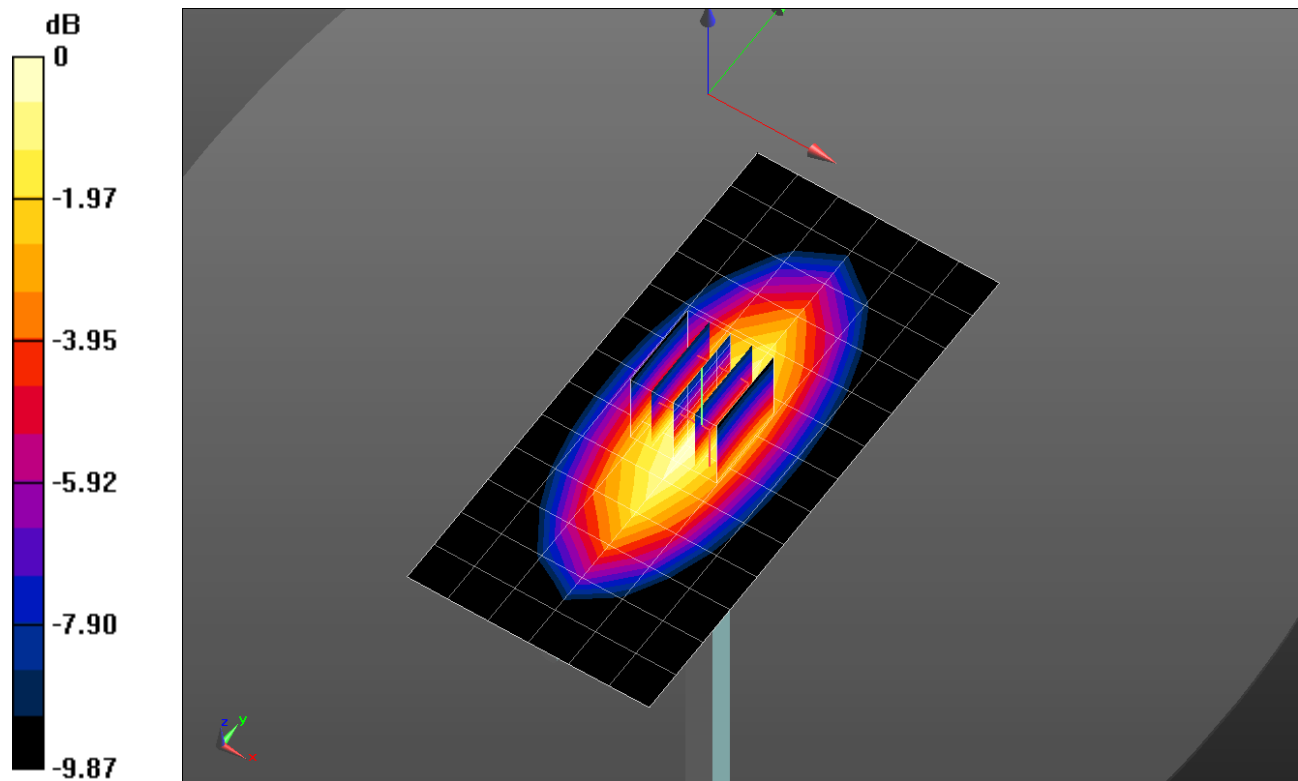
**Body/Pin=100 mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.82 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.33 W/kg

**SAR(1 g) = 0.904 W/kg; SAR(10 g) = 0.602 W/kg**

Maximum value of SAR (measured) = 1.09 W/kg

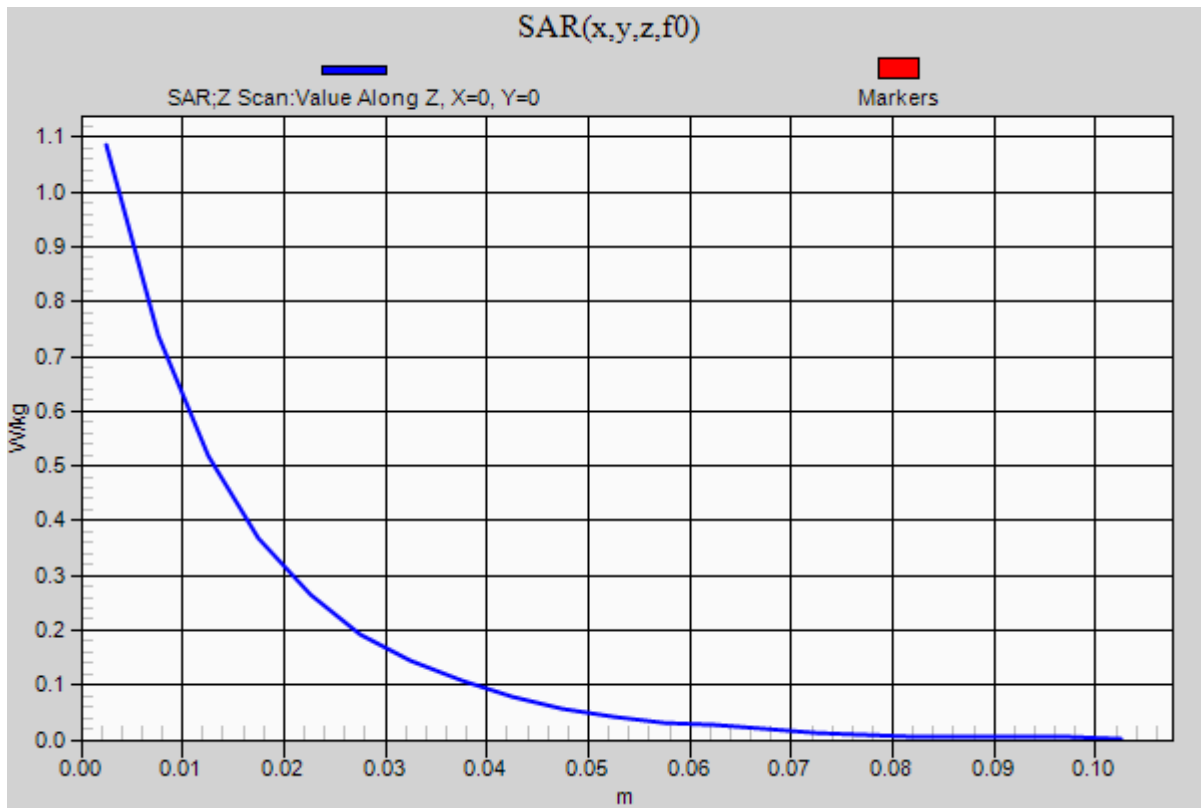


0 dB = 1.09 W/kg = 0.37 dBW/kg

### 20190116\_SystemPerformanceCheck-D750V3 SN 1122

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) = 1.09 W/kg





**20190124\_SystemPerformanceCheck-D1900V2 SN 5d199**

Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.564$  S/m;  $\epsilon_r = 54.403$ ;  $\rho = 1000$  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 Sn1468; Calibrated: 2018-08-22
- Probe: EX3DV4 - SN7314; ConvF(7.74, 7.74, 7.74); Calibrated: 2018-08-30;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005

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

Maximum value of SAR (measured) = 4.68 W/kg

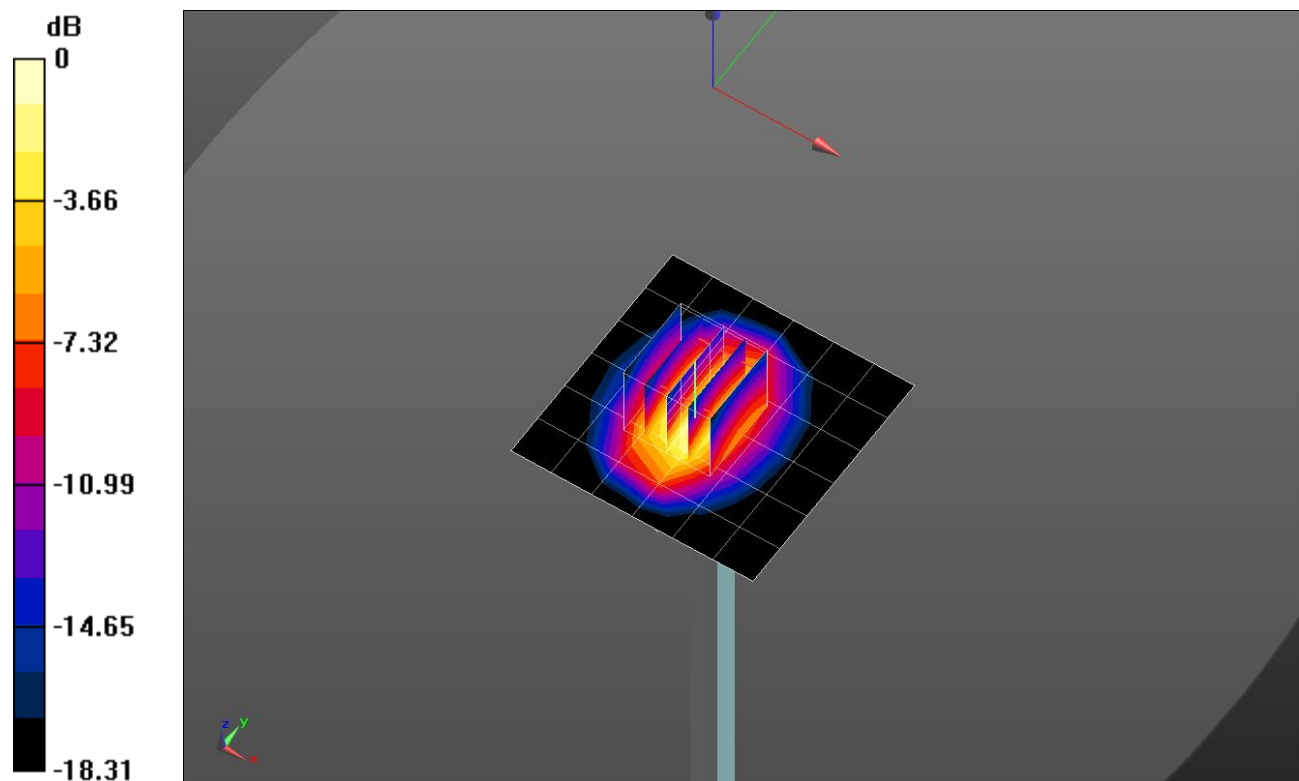
**Body/Pin=100 mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 58.02 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 7.55 W/kg

**SAR(1 g) = 4.21 W/kg; SAR(10 g) = 2.2 W/kg**

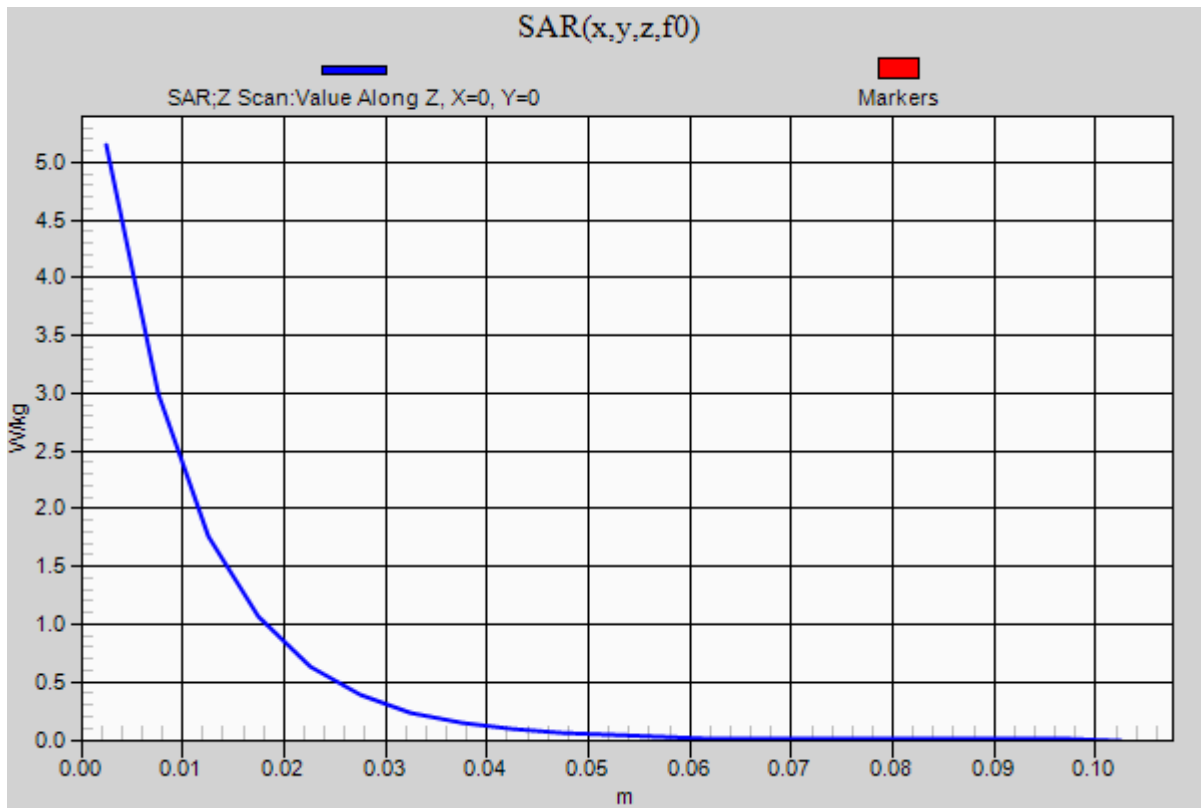
Maximum value of SAR (measured) = 5.50 W/kg



### 20190124\_SystemPerformanceCheck-D1900V2 SN 5d199

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) = 5.15 W/kg



## 20190131\_SystemPerformanceCheck-D5GHzV2 SN 1209

Frequency: 5600 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 5600 \text{ MHz}$ ;  $\sigma = 5.892 \text{ S/m}$ ;  $\epsilon_r = 48.171$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1468; Calibrated: 2018-08-22
- Probe: EX3DV4 - SN7314; ConvF(4.03, 4.03, 4.03); Calibrated: 2018-08-30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005

**Body/5.6 GHz, Pin=100mW/Area Scan (7x7x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 16.1 W/kg

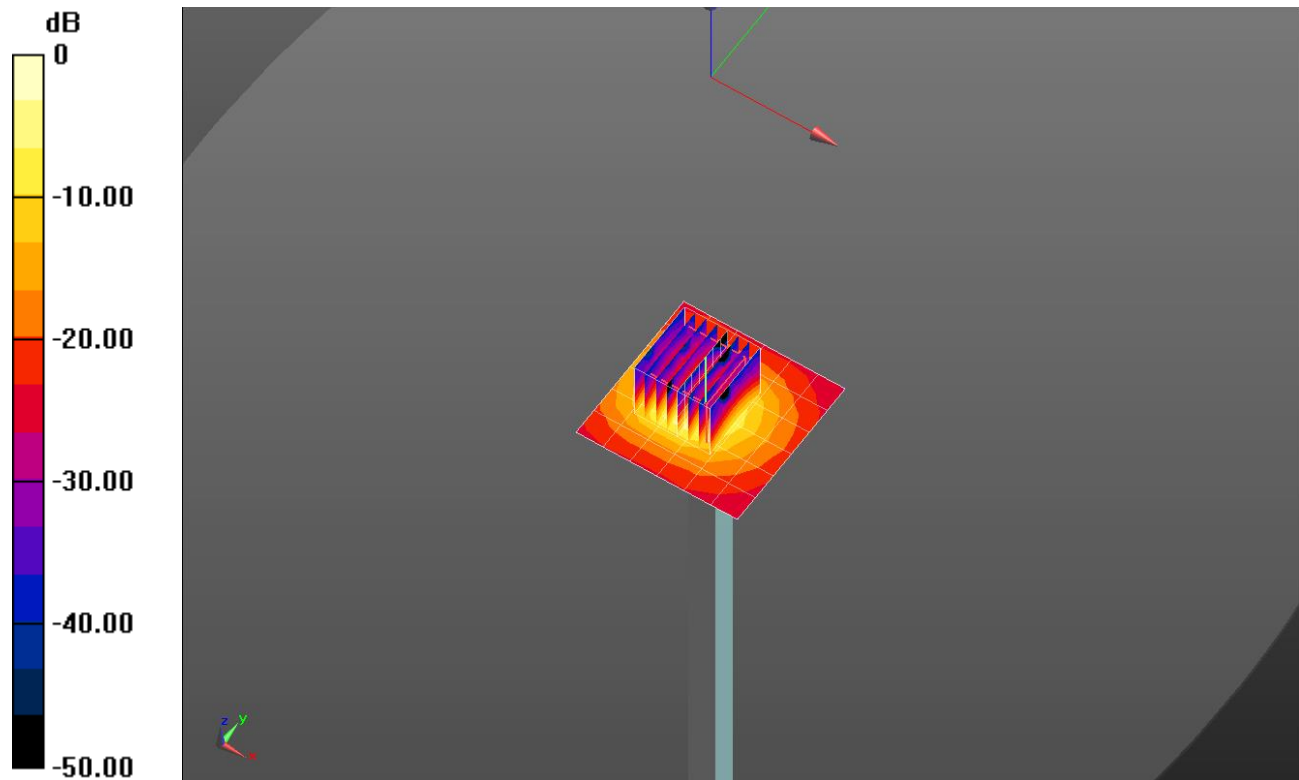
**Body/5.6 GHz, Pin=100mW/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 59.98 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 37.7 W/kg

**SAR(1 g) = 8.57 W/kg; SAR(10 g) = 2.34 W/kg**

Maximum value of SAR (measured) = 20.7 W/kg

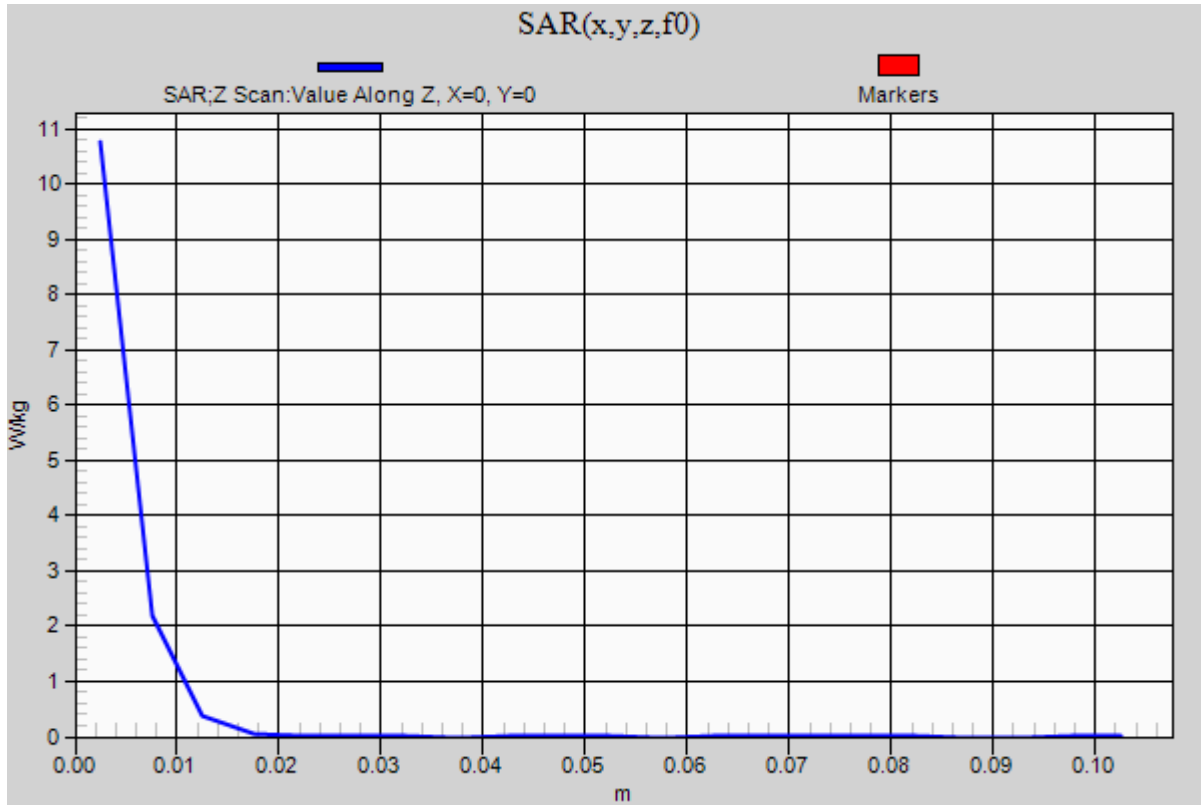


0 dB = 20.7 W/kg = 13.16 dBW/kg

### 20190131\_SystemPerformanceCheck-D5GHzV2 SN 1209

Frequency: 5600 MHz; Duty Cycle: 1:1

**Body/5.6 GHz, Pin=100mW/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 10.8 W/kg



## 20190128\_SystemPerformanceCheck-D2450V2 SN 960

Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 2450 \text{ MHz}$ ;  $\sigma = 2.01 \text{ S/m}$ ;  $\epsilon_r = 52.526$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1259; Calibrated: 2018-07-26
- Probe: EX3DV4 - SN3991; ConvF(7.72, 7.72, 7.72); Calibrated: 2018-05-24;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 (20deg probe tilt)\_20181018; Type: QD OVA 001 BB; Serial: 1212

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

Maximum value of SAR (measured) = 6.88 W/kg

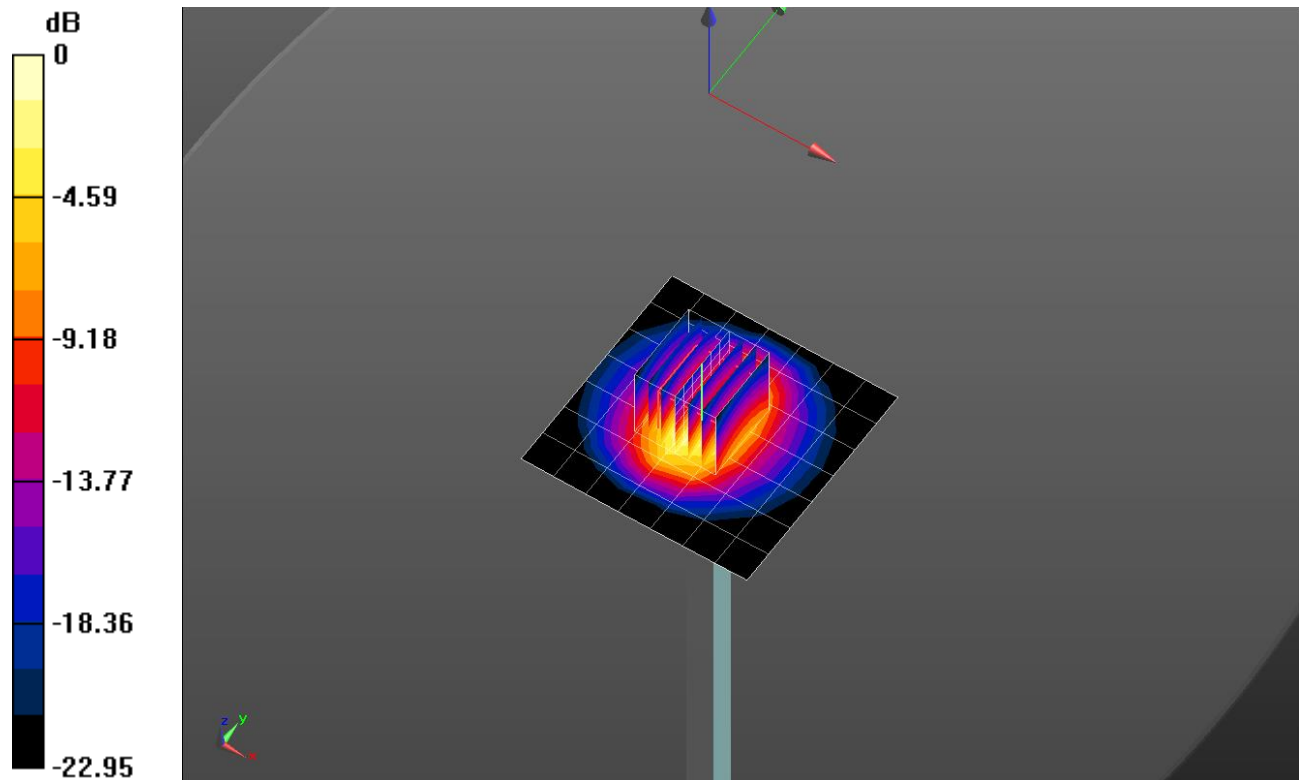
**Body/Pin=100 mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 60.68 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 11.0 W/kg

**SAR(1 g) = 5.26 W/kg; SAR(10 g) = 2.4 W/kg**

Maximum value of SAR (measured) = 7.50 W/kg



0 dB = 7.50 W/kg = 8.75 dBW/kg

### 20190128\_SystemPerformanceCheck-D2450V2 SN 960

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) = 3.64 W/kg

