

## 20170904\_SystemPerformanceCheck-D5GHzV2 SN 1209

Frequency: 5300 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 5300 \text{ MHz}$ ;  $\sigma = 5.419 \text{ S/m}$ ;  $\epsilon_r = 47.118$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1447; Calibrated: 2016-09-19
- Probe: EX3DV4 - SN7314; ConvF(4.46, 4.46, 4.46); Calibrated: 2016-09-27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg); Type: QD OVA 003 AA; Serial: 2013

**Body/5.3 GHz, Pin=100mW/Area Scan (7x7x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 19.5 W/kg

**Body/5.3 GHz, Pin=100mW/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm,

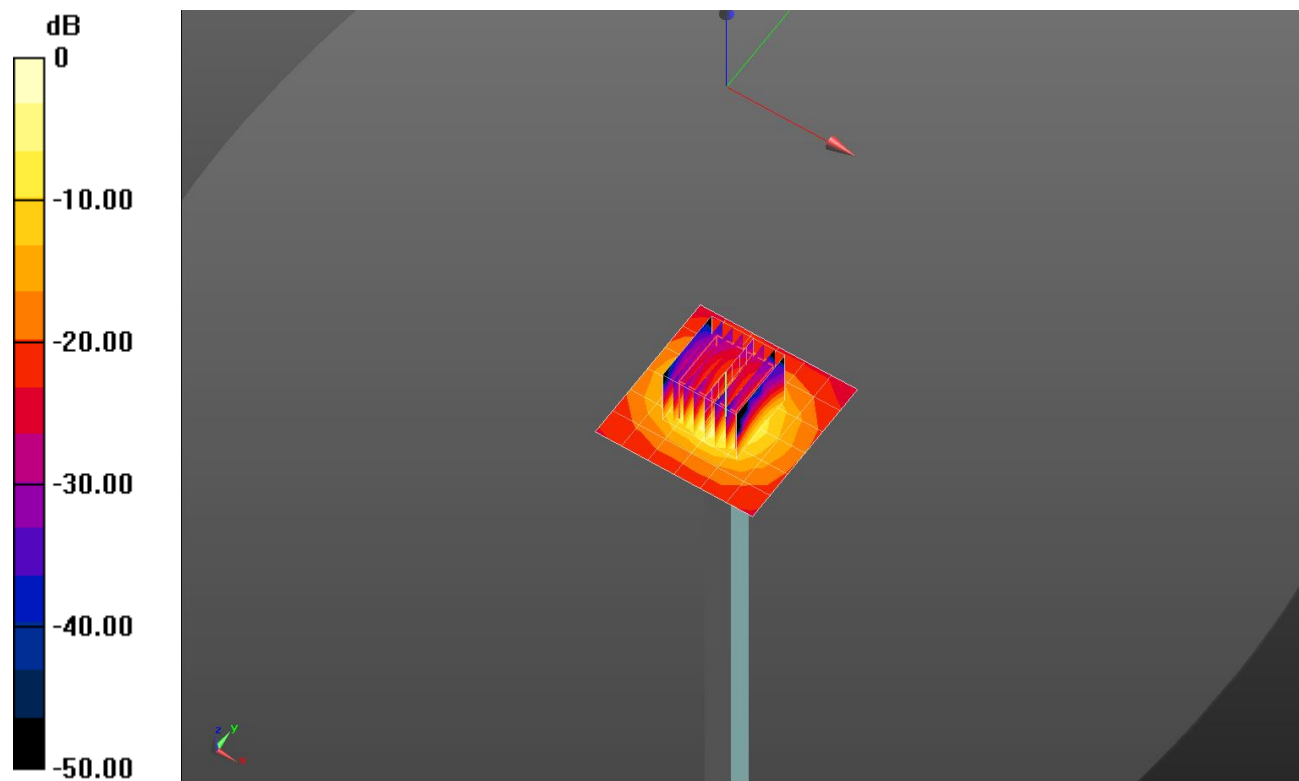
dz=1.4mm

Reference Value = 69.36 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 31.6 W/kg

**SAR(1 g) = 7.86 W/kg; SAR(10 g) = 2.21 W/kg**

Maximum value of SAR (measured) = 18.8 W/kg

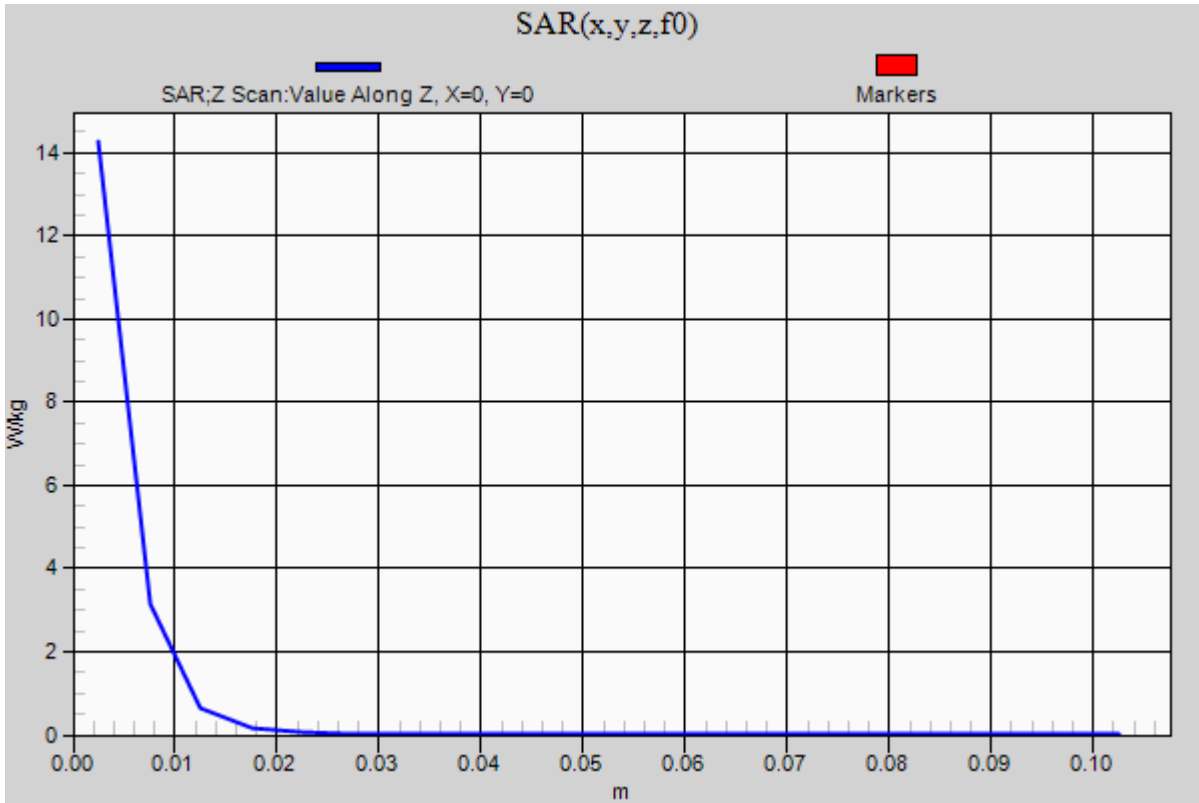


0 dB = 18.8 W/kg = 12.74 dBW/kg

### 20170904\_SystemPerformanceCheck-D5GHzV2 SN 1209

Frequency: 5300 MHz; Duty Cycle: 1:1

**Body/5.3 GHz, Pin=100mW/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 14.3 W/kg



## 20170821\_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:  $f = 2600 \text{ MHz}$ ;  $\sigma = 2.213 \text{ S/m}$ ;  $\epsilon_r = 52.269$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1494; Calibrated: 2017-07-20
- Probe: EX3DV4 - SN7313; ConvF(7.24, 7.24, 7.24); Calibrated: 2017-01-30;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005

**Body/Pin=100 mW/Area Scan (6x8x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 5.82 W/kg

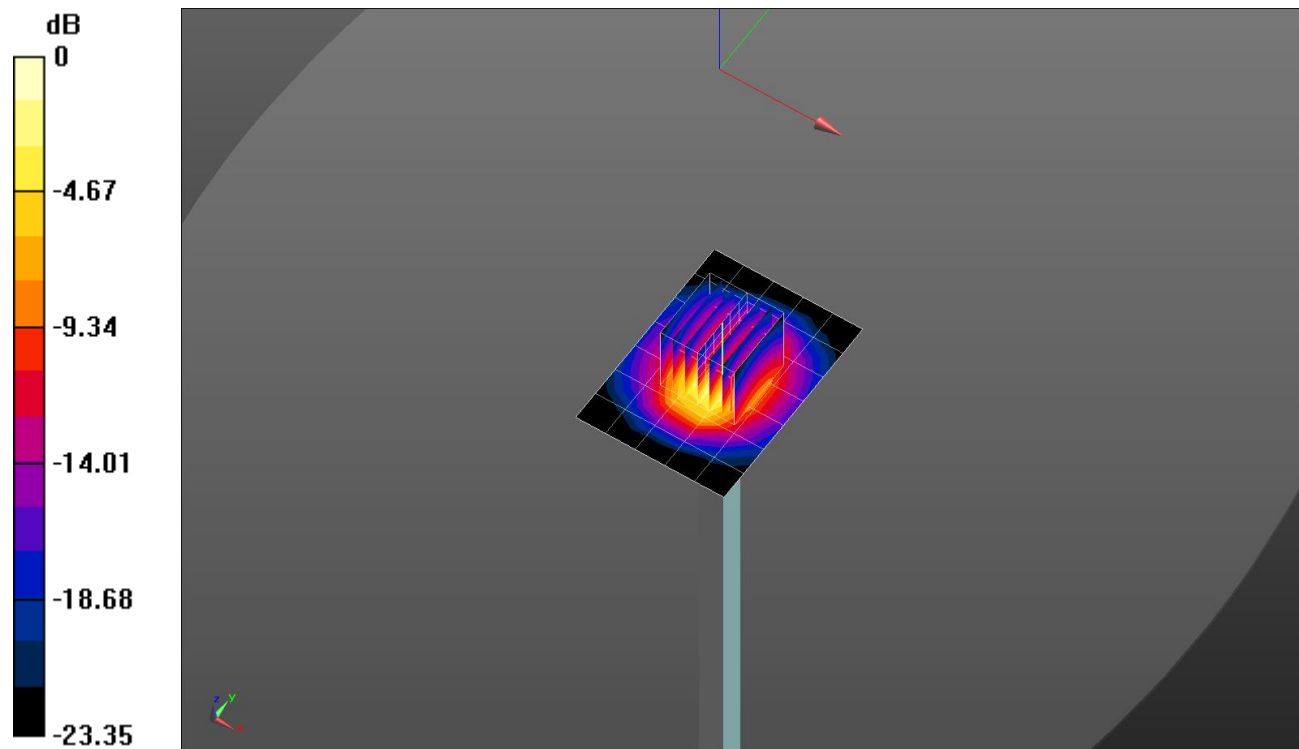
**Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 61.85 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 12.2 W/kg

**SAR(1 g) = 5.71 W/kg; SAR(10 g) = 2.52 W/kg**

Maximum value of SAR (measured) = 8.29 W/kg

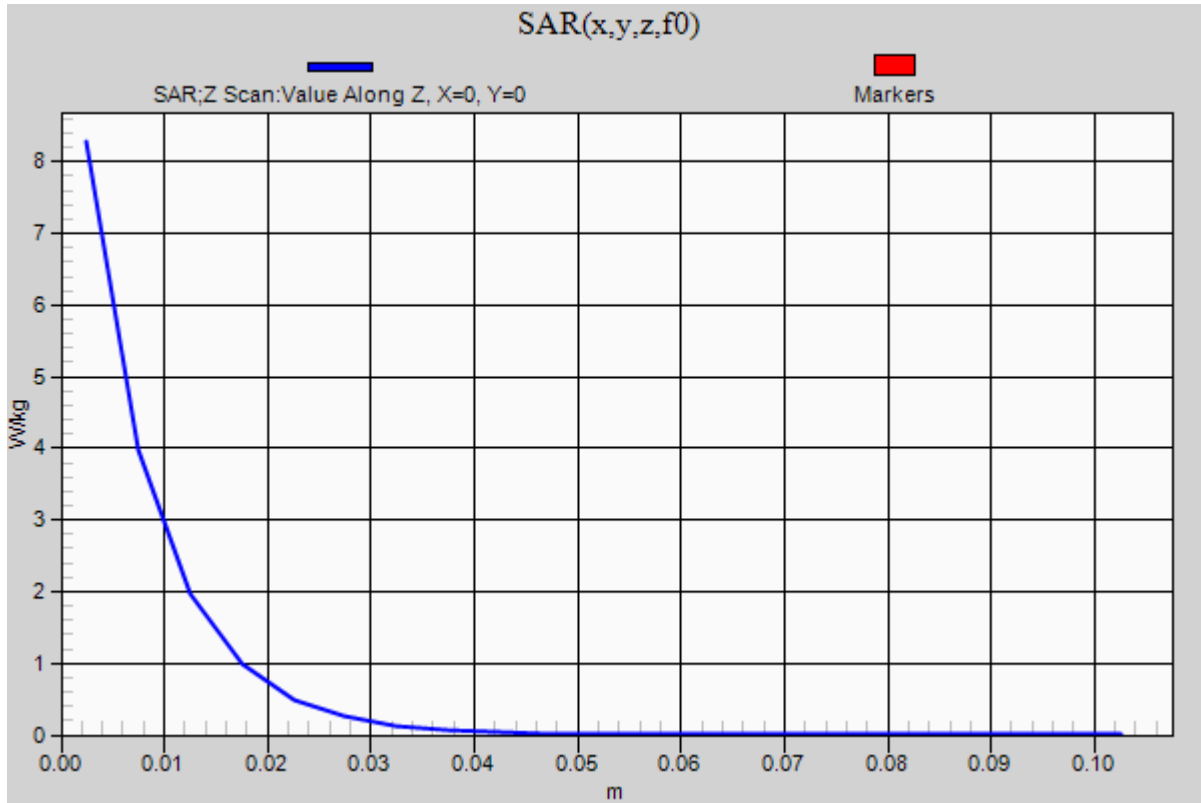


0 dB = 8.29 W/kg = 9.19 dBW/kg

### 20170821\_SystemPerformanceCheck-D2600V2 SN 1097

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) = 8.28 W/kg



## 20170904\_SystemPerformanceCheck-D2450V2 SN 939

Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 2450 \text{ MHz}$ ;  $\sigma = 2.036 \text{ S/m}$ ;  $\epsilon_r = 52.157$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1494; Calibrated: 2017-07-20
- Probe: EX3DV4 - SN7313; ConvF(7.45, 7.45, 7.45); Calibrated: 2017-01-30;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005

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

Maximum value of SAR (measured) = 5.68 W/kg

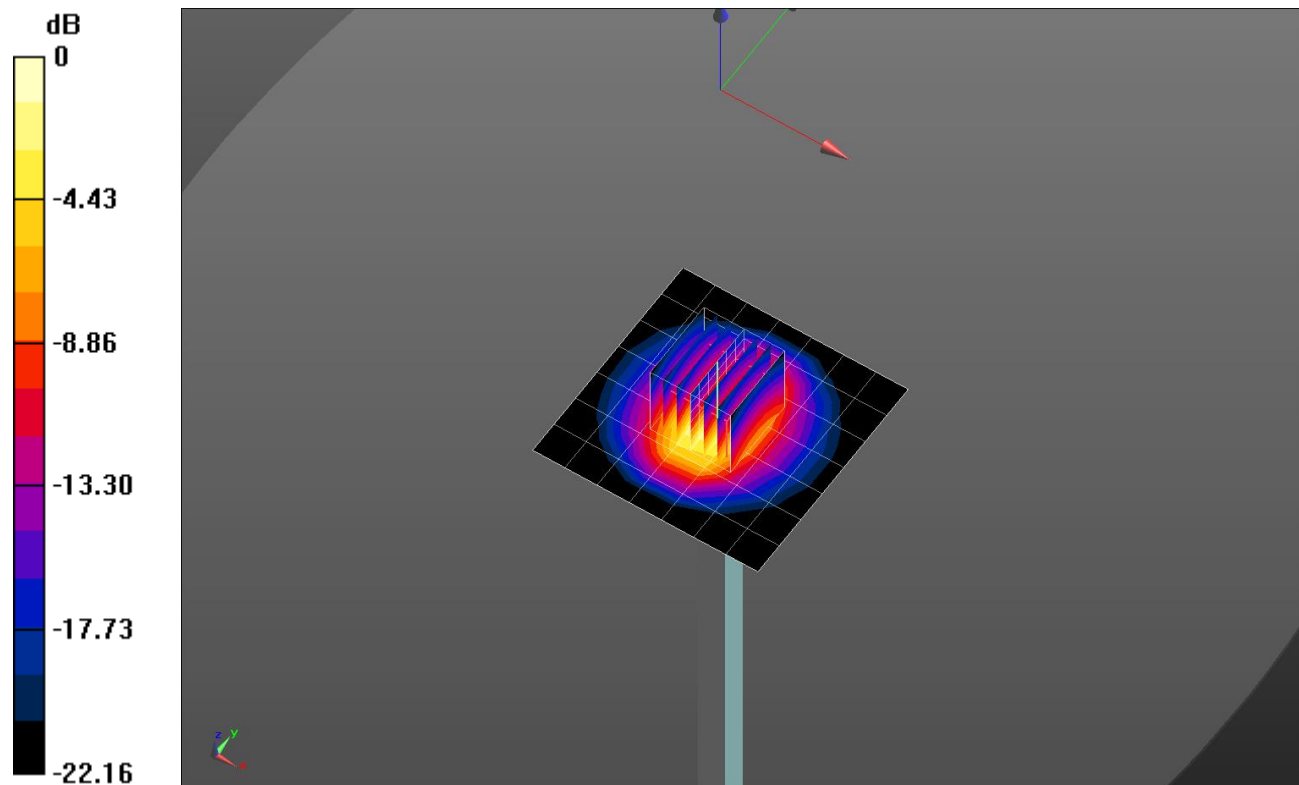
**Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 61.64 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 11.3 W/kg

**SAR(1 g) = 5.37 W/kg; SAR(10 g) = 2.45 W/kg**

Maximum value of SAR (measured) = 7.70 W/kg

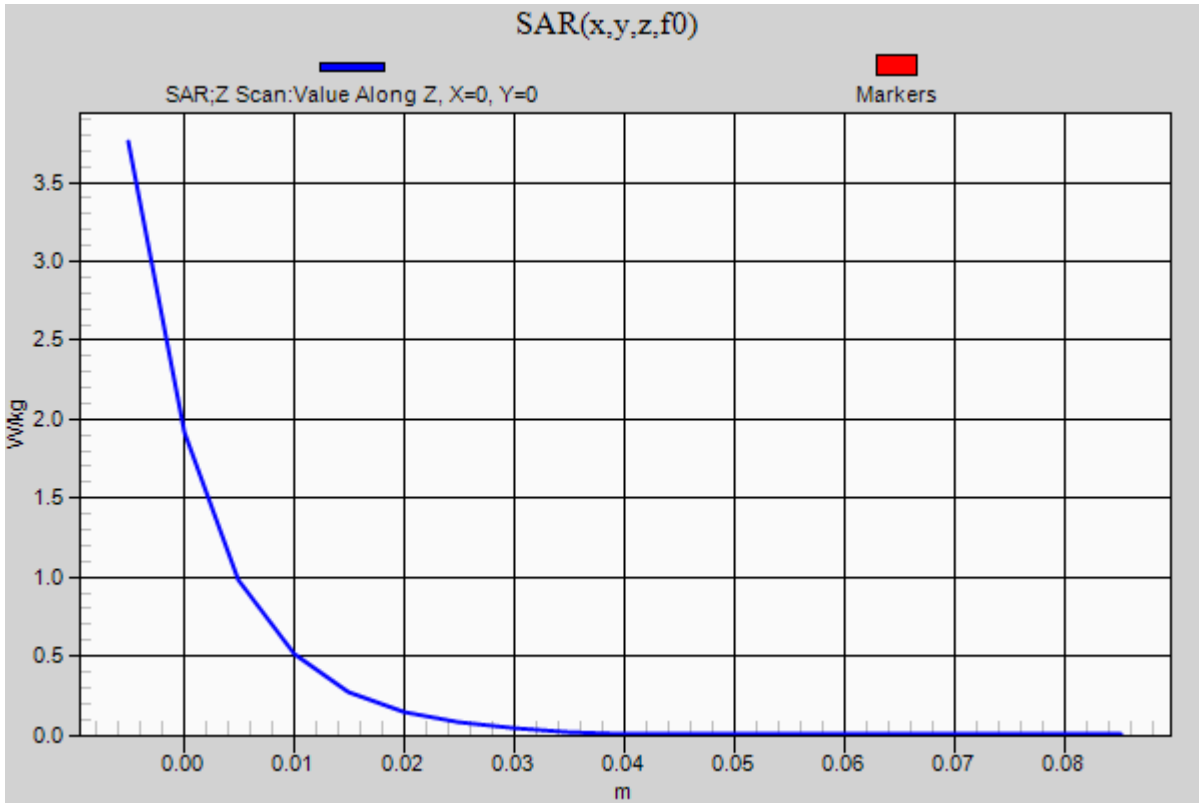


0 dB = 7.70 W/kg = 8.86 dBW/kg

### 20170904\_SystemPerformanceCheck-D2450V2 SN 939

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) = 3.76 W/kg



## 20170907\_SystemPerformanceCheck-D750V2 SN 1122

Frequency: 750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.968 \text{ S/m}$ ;  $\epsilon_r = 54.588$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1494; Calibrated: 2017-07-20
- Probe: EX3DV4 - SN7313; ConvF(10, 10, 10); Calibrated: 2017-01-30;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1166

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

Maximum value of SAR (measured) = 1.02 W/kg

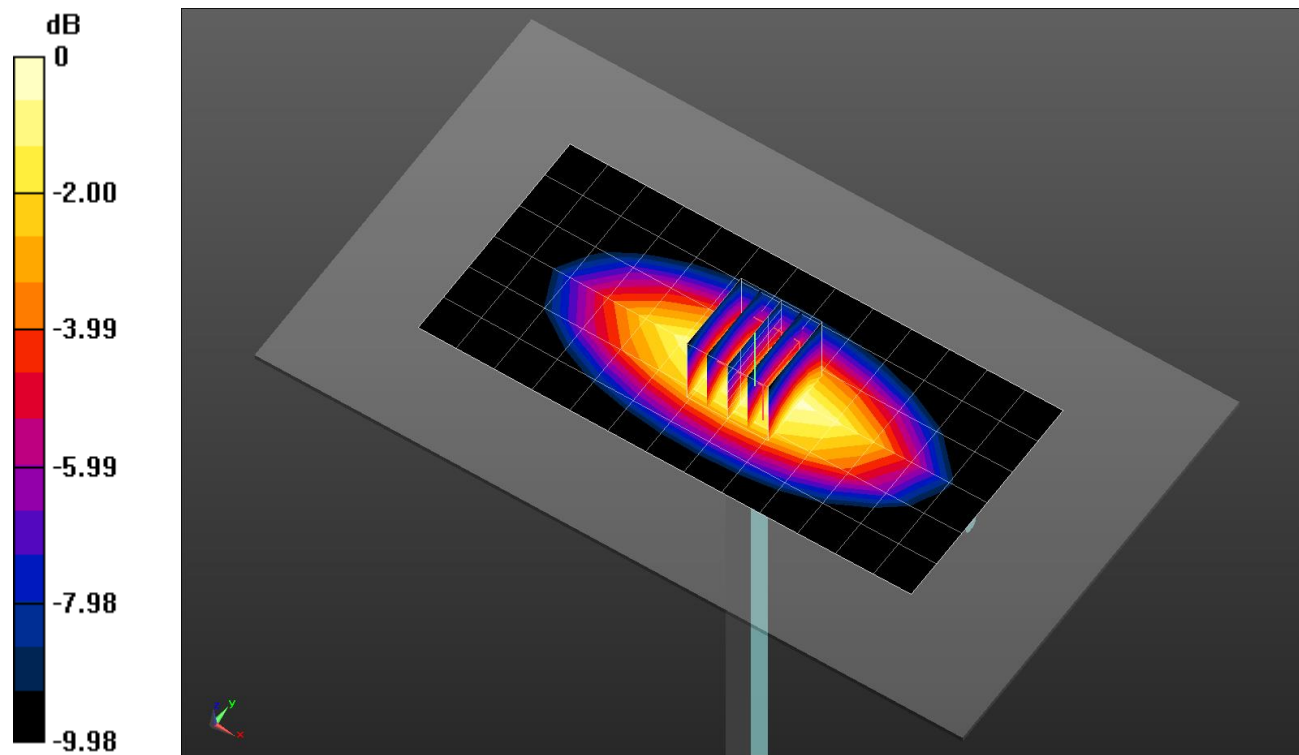
**Body/Pin=100 mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.56 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.23 W/kg

**SAR(1 g) = 0.843 W/kg; SAR(10 g) = 0.563 W/kg**

Maximum value of SAR (measured) = 1.01 W/kg

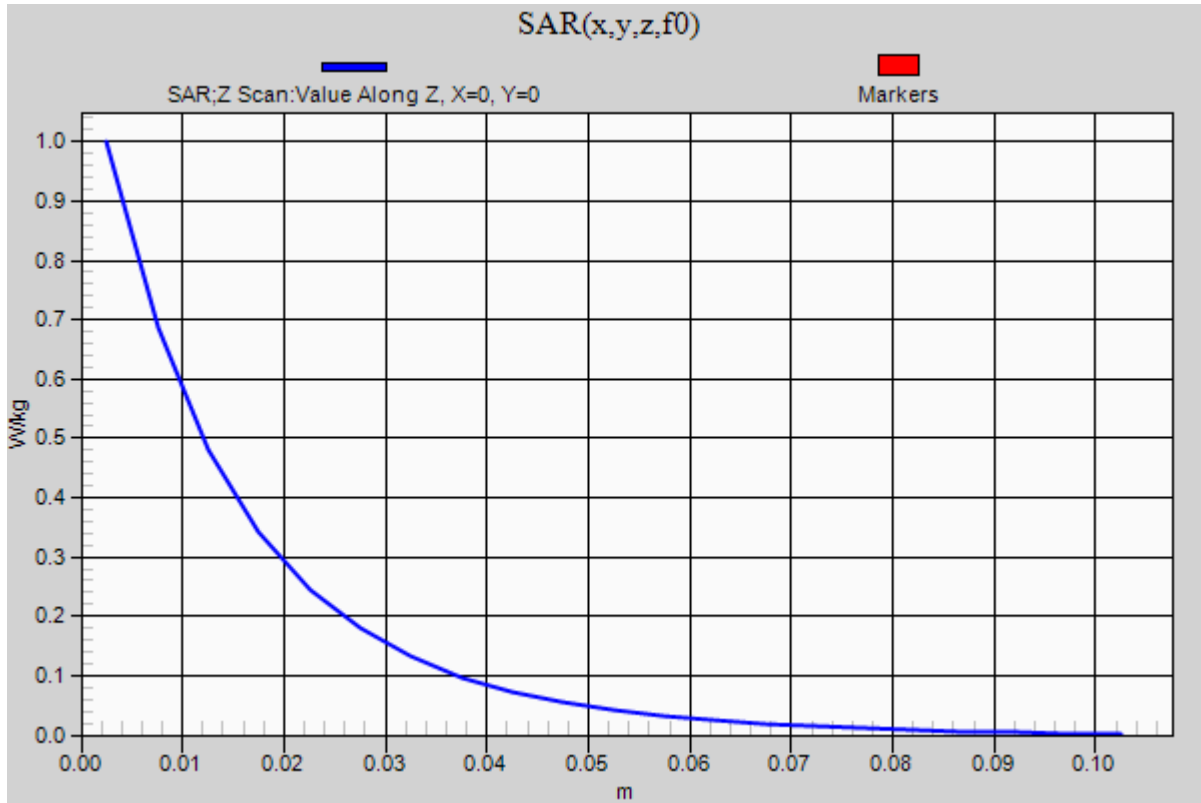


0 dB = 1.01 W/kg = 0.04 dBW/kg

### 20170907\_SystemPerformanceCheck-D750V2 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) = 1.00 W/kg



**20170914\_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;  $\sigma = 1.002$  S/m;  $\epsilon_r = 53.229$ ;  $\rho = 1000$  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: 2017-07-20
- Probe: EX3DV4 - SN7313; ConvF(9.81, 9.81, 9.81); Calibrated: 2017-01-30;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1166

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

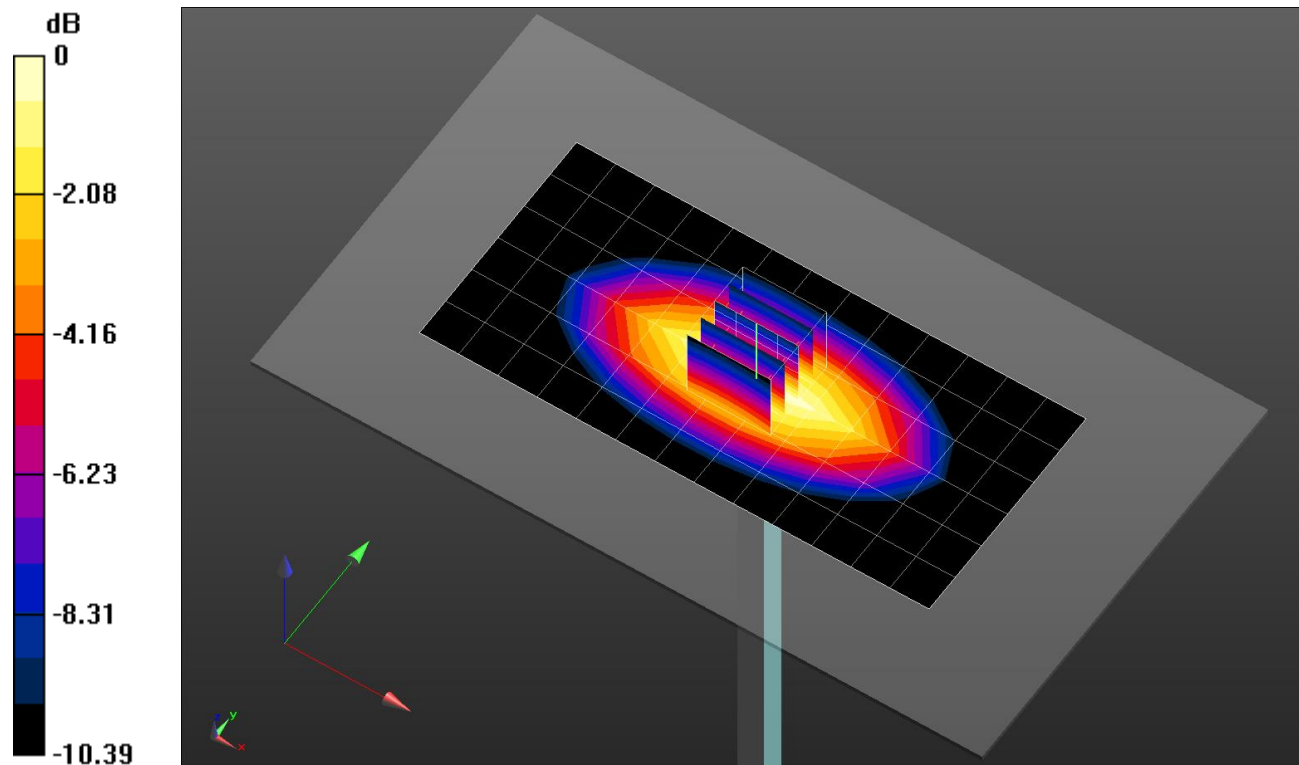
Maximum value of SAR (measured) = 1.21 W/kg

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

Reference Value = 35.08 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.47 W/kg

**SAR(1 g) = 0.992 W/kg; SAR(10 g) = 0.652 W/kg**

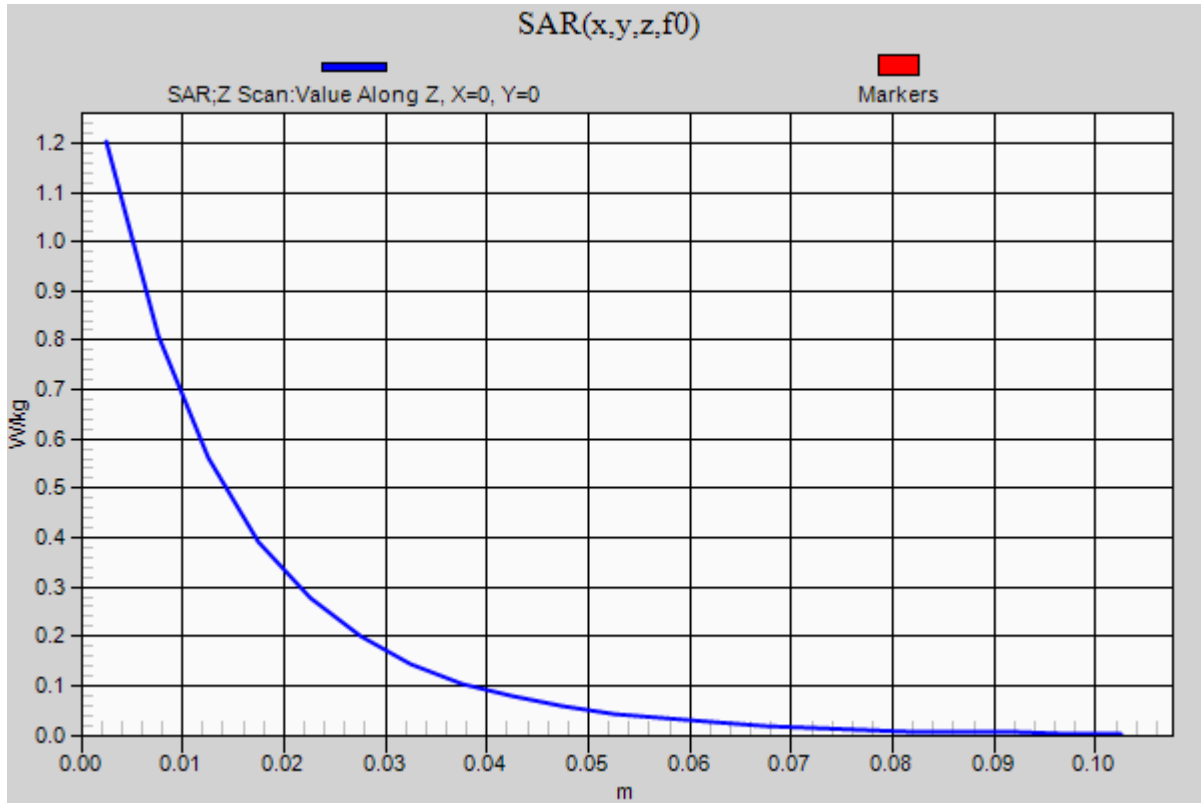


0 dB = 1.21 W/kg = 0.83 dBW/kg

### 20170914\_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) = 1.20 W/kg



## 20170821\_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:  $f = 1750 \text{ MHz}$ ;  $\sigma = 1.457 \text{ S/m}$ ;  $\epsilon_r = 54.21$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn912; Calibrated: 2016-11-18
- Probe: EX3DV4 - SN7330; ConvF(8.42, 8.42, 8.42); Calibrated: 2017-02-28;
- 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) = 4.55 W/kg

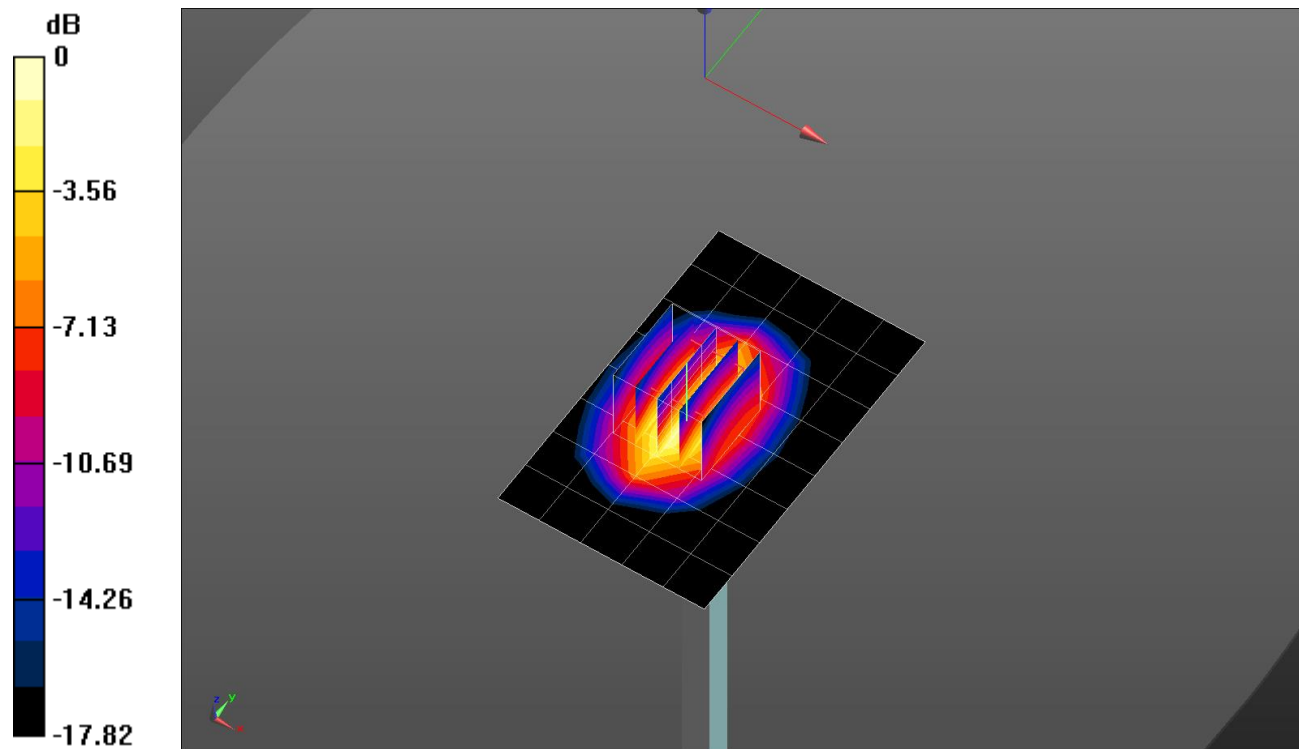
**Body/Pin=100 mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 53.90 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 6.12 W/kg

**SAR(1 g) = 3.45 W/kg; SAR(10 g) = 1.83 W/kg**

Maximum value of SAR (measured) = 4.54 W/kg

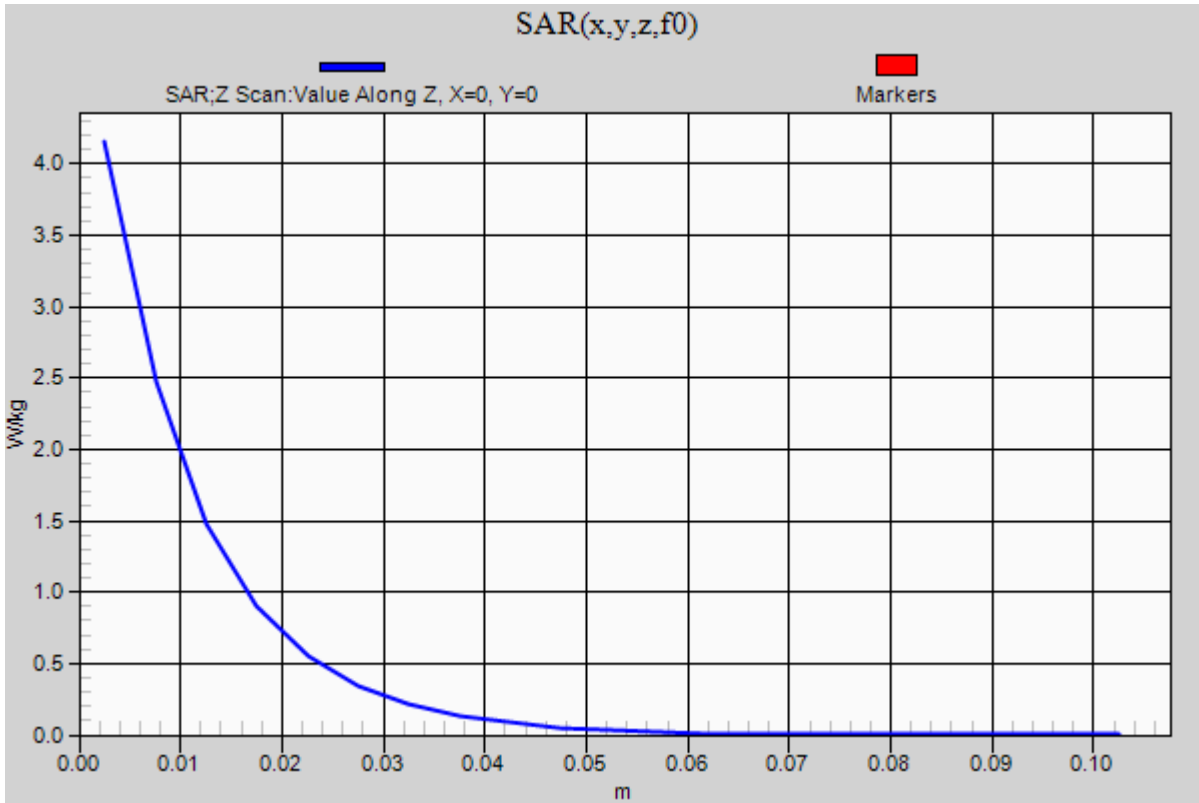


0 dB = 4.54 W/kg = 6.57 dBW/kg

### 20170821\_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) = 4.15 W/kg



## 20170911\_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:  $f = 1900 \text{ MHz}$ ;  $\sigma = 1.583 \text{ S/m}$ ;  $\epsilon_r = 51.578$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn912; Calibrated: 2016-11-18
- Probe: EX3DV4 - SN7330; ConvF(8.12, 8.12, 8.12); Calibrated: 2017-02-28;
- 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) = 4.83 W/kg

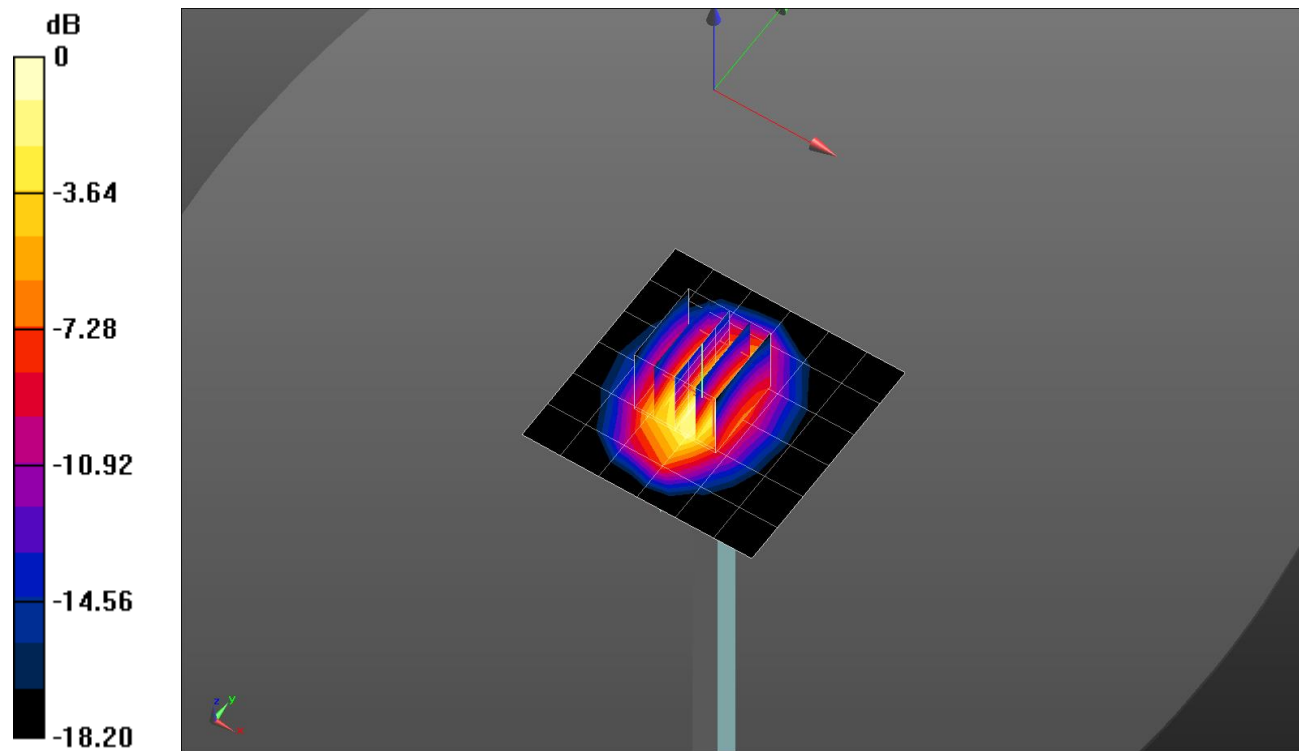
**Body/Pin=100 mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 54.96 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 7.09 W/kg

**SAR(1 g) = 3.87 W/kg; SAR(10 g) = 1.98 W/kg**

Maximum value of SAR (measured) = 5.25 W/kg



0 dB = 5.25 W/kg = 7.20 dBW/kg

### 20170911\_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) = 4.70 W/kg

