

## 20170215\_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:  $f = 2450$  MHz;  $\sigma = 1.794$  S/m;  $\epsilon_r = 39.561$ ;  $\rho = 1000$  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 Sn1447; Calibrated: 2016-09-19
- Probe: EX3DV4 - SN7376; ConvF(7.49, 7.49, 7.49); Calibrated: 2016-08-30;
- 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 (8x8x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 5.26 W/kg

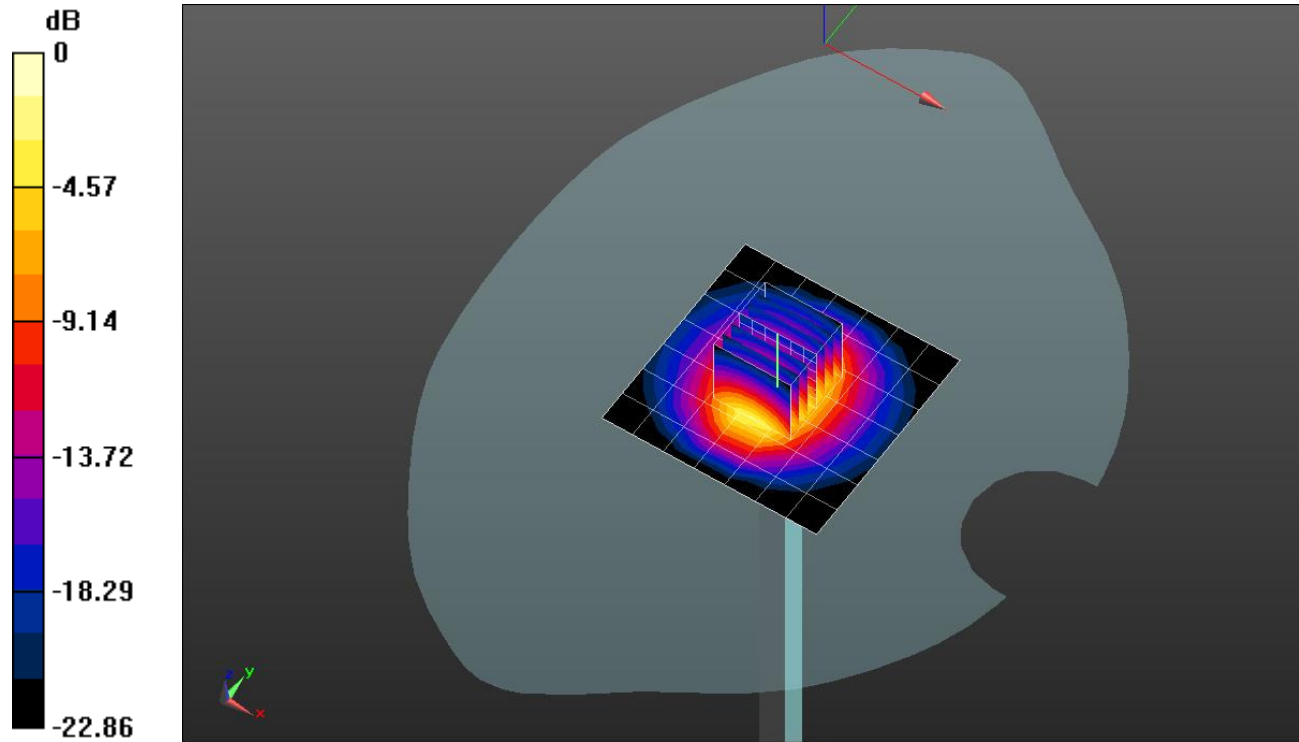
**Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 62.46 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 10.2 W/kg

**SAR(1 g) = 4.82 W/kg; SAR(10 g) = 2.22 W/kg**

Maximum value of SAR (measured) = 6.90 W/kg

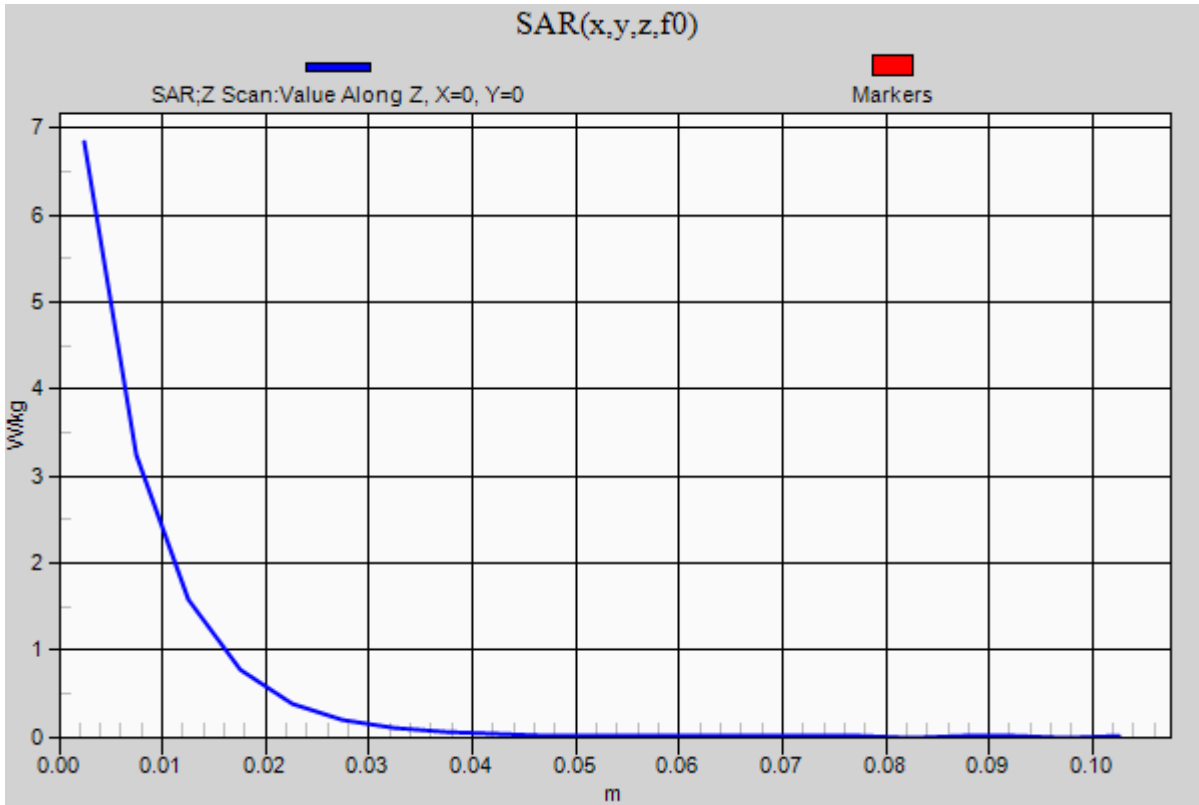


0 dB = 6.90 W/kg = 8.39 dBW/kg

### 20170215\_SystemPerformanceCheck-D2450V2 SN 939

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) = 6.84 W/kg



## 20170502\_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:  $f = 2450 \text{ MHz}$ ;  $\sigma = 1.937 \text{ S/m}$ ;  $\epsilon_r = 51.18$ ;  $\rho = 1000 \text{ kg/m}^3$

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 - SN7376; ConvF(7.62, 7.62, 7.62); Calibrated: 2016-08-30;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1166/3

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

Maximum value of SAR (measured) = 5.39 W/kg

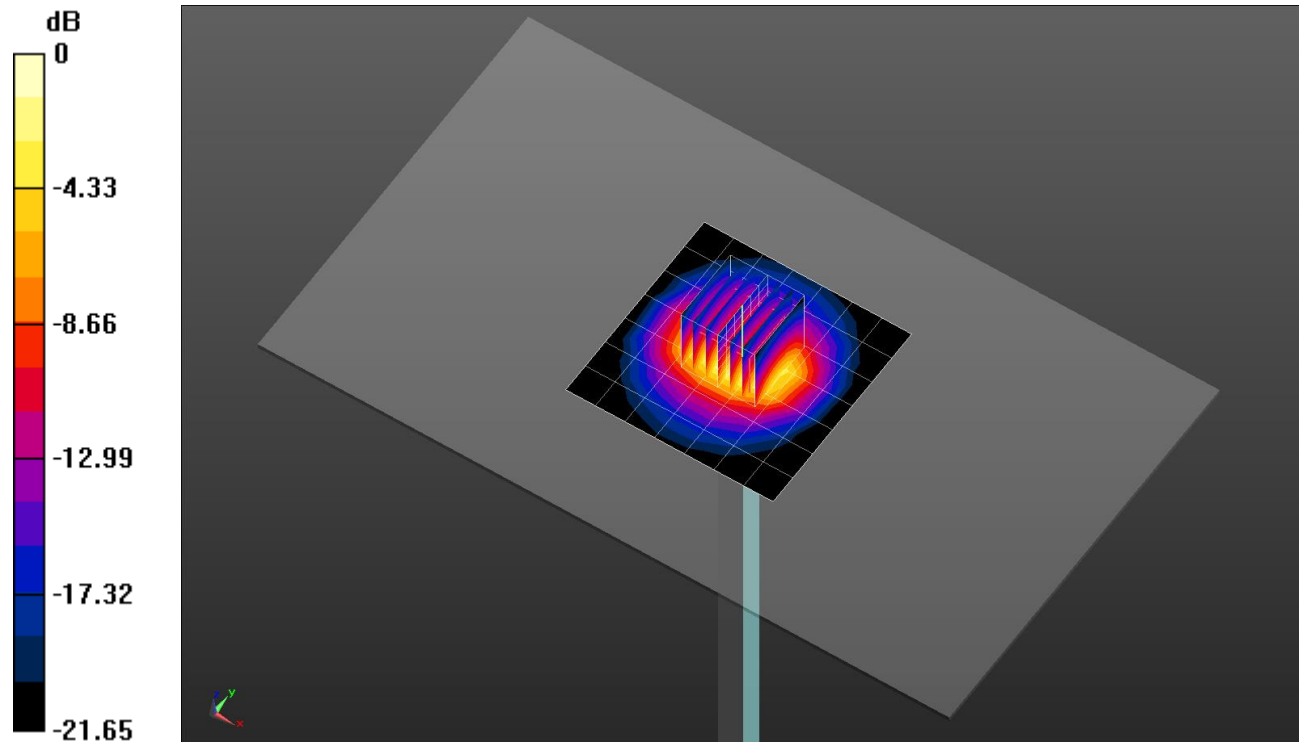
**Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 57.90 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 9.58 W/kg

**SAR(1 g) = 4.66 W/kg; SAR(10 g) = 2.17 W/kg**

Maximum value of SAR (measured) = 6.59 W/kg

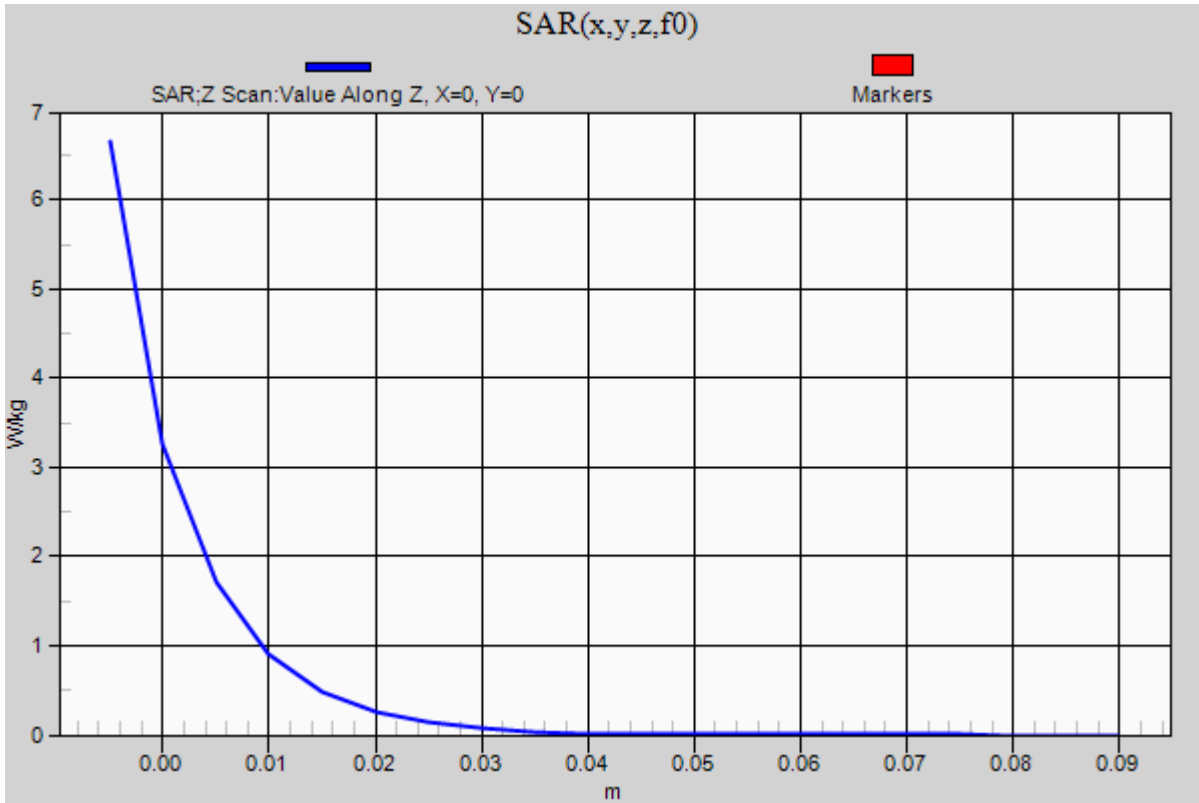


0 dB = 6.59 W/kg = 8.19 dBW/kg

### 20170502\_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) = 6.65 W/kg



## 20170207\_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:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.898 \text{ S/m}$ ;  $\epsilon_r = 40.449$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1468; Calibrated: 2016-09-08
- Probe: EX3DV4 - SN7330; ConvF(9.93, 9.93, 9.93); Calibrated: 2016-02-24;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1846

**Head/Pin=100 mW/Area Scan (7x13x1):** Measurement grid: dx=15mm, dy=15mm

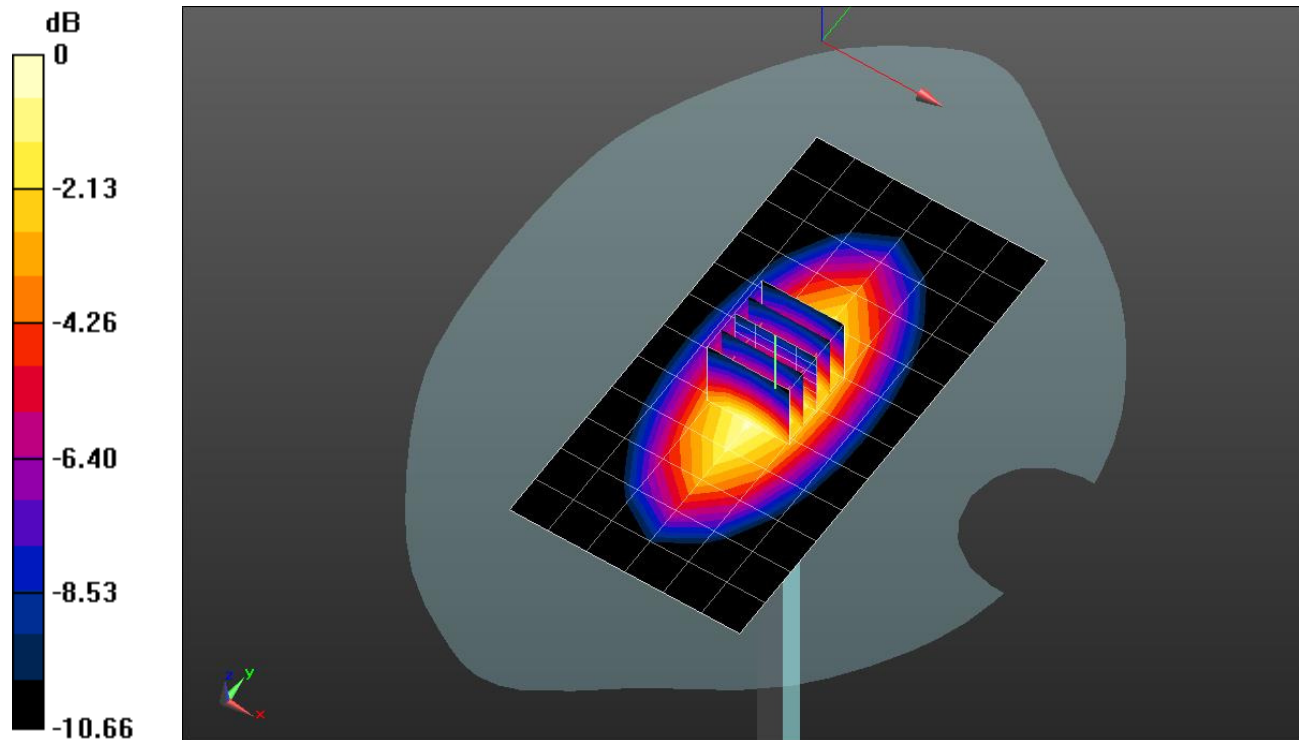
Maximum value of SAR (measured) = 1.23 W/kg

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

Reference Value = 37.65 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.51 W/kg

**SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.661 W/kg**

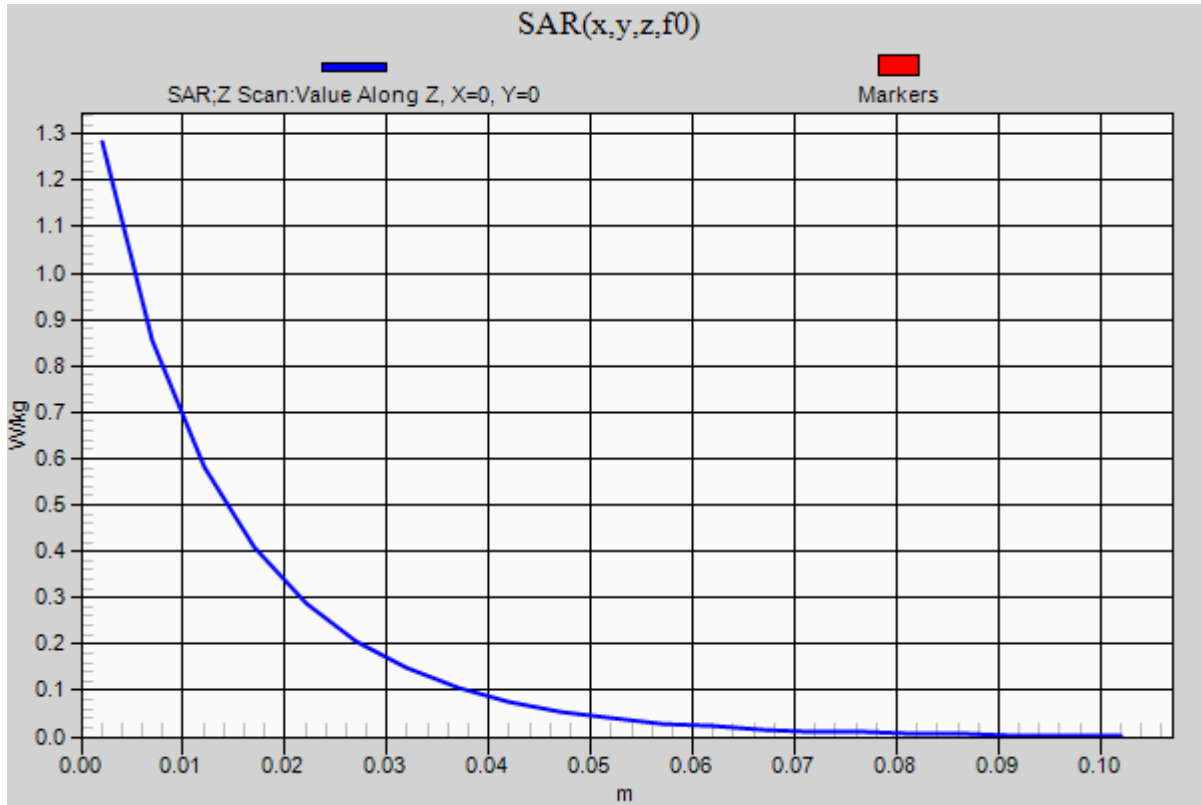


0 dB = 1.23 W/kg = 0.90 dBW/kg

### 20170207\_SystemPerformanceCheck-D835V2 SN 4d194

Frequency: 835 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) = 1.28 W/kg



**20170502\_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;  $\sigma = 1.017$  S/m;  $\epsilon_r = 53.801$ ;  $\rho = 1000$  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: 2016-09-08
- 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 (7x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.28 W/kg

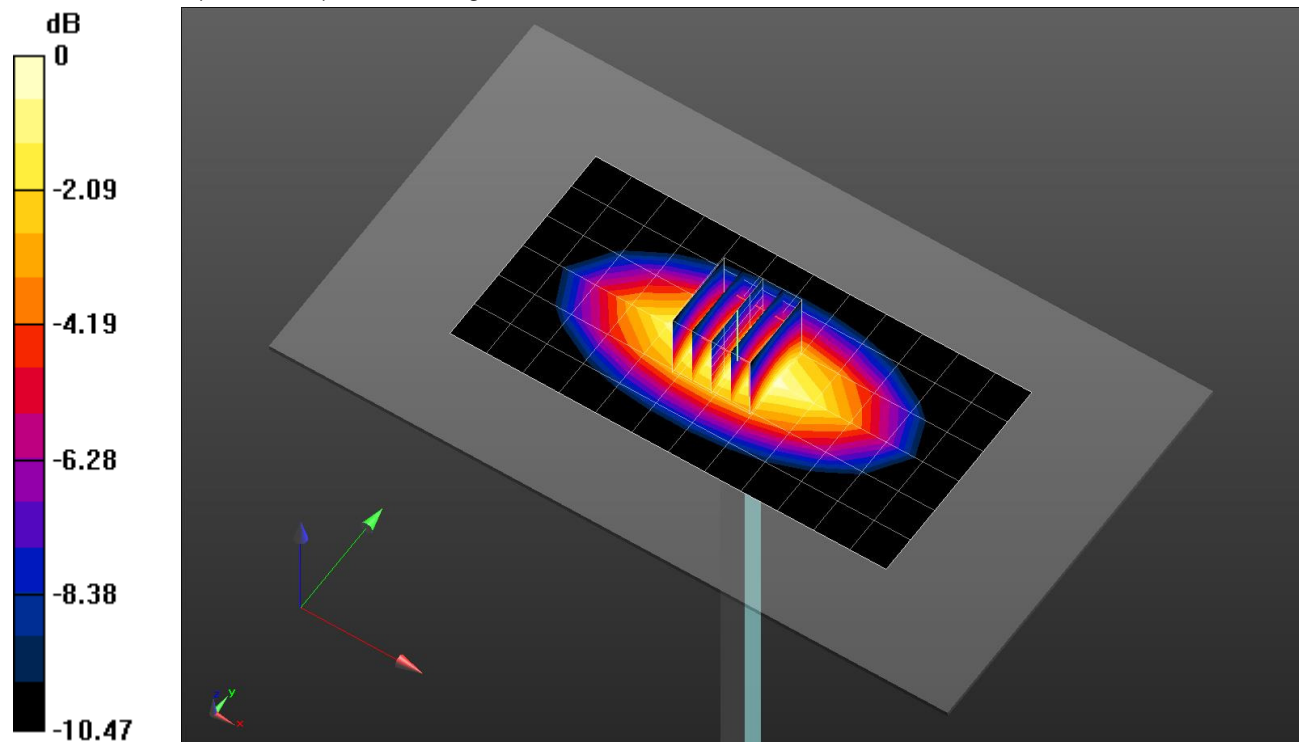
**Body/Pin=100 mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.72 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.54 W/kg

**SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.683 W/kg**

Maximum value of SAR (measured) = 1.26 W/kg



0 dB = 1.26 W/kg = 1.00 dBW/kg

### 20170502\_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) = 1.19 W/kg

