

## 20170628\_SystemPerformanceCheck-D835V2 SN 4d142

Frequency: 835 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 1.06 \text{ S/m}$ ;  $\epsilon_r = 53.008$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1259; Calibrated: 1/20/2017
- Probe: EX3DV4 - SN3751; ConvF(8.91, 8.91, 8.91); Calibrated: 11/17/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP (Wi-Fi 5 GHz); Type: QD000P40CD; Serial: TP:xxxx

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

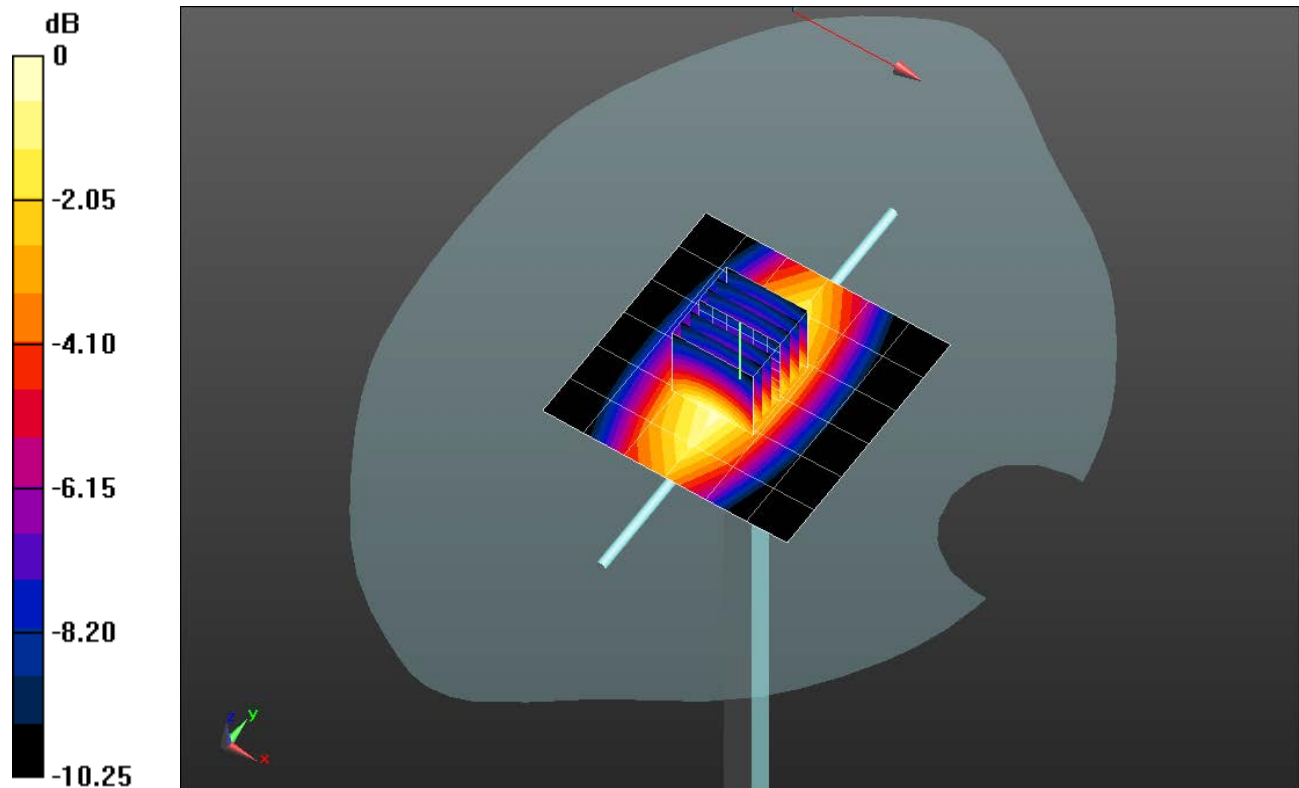
Maximum value of SAR (measured) = 1.22 W/kg

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

Reference Value = 34.35 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.49 W/kg

**SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.662 W/kg**

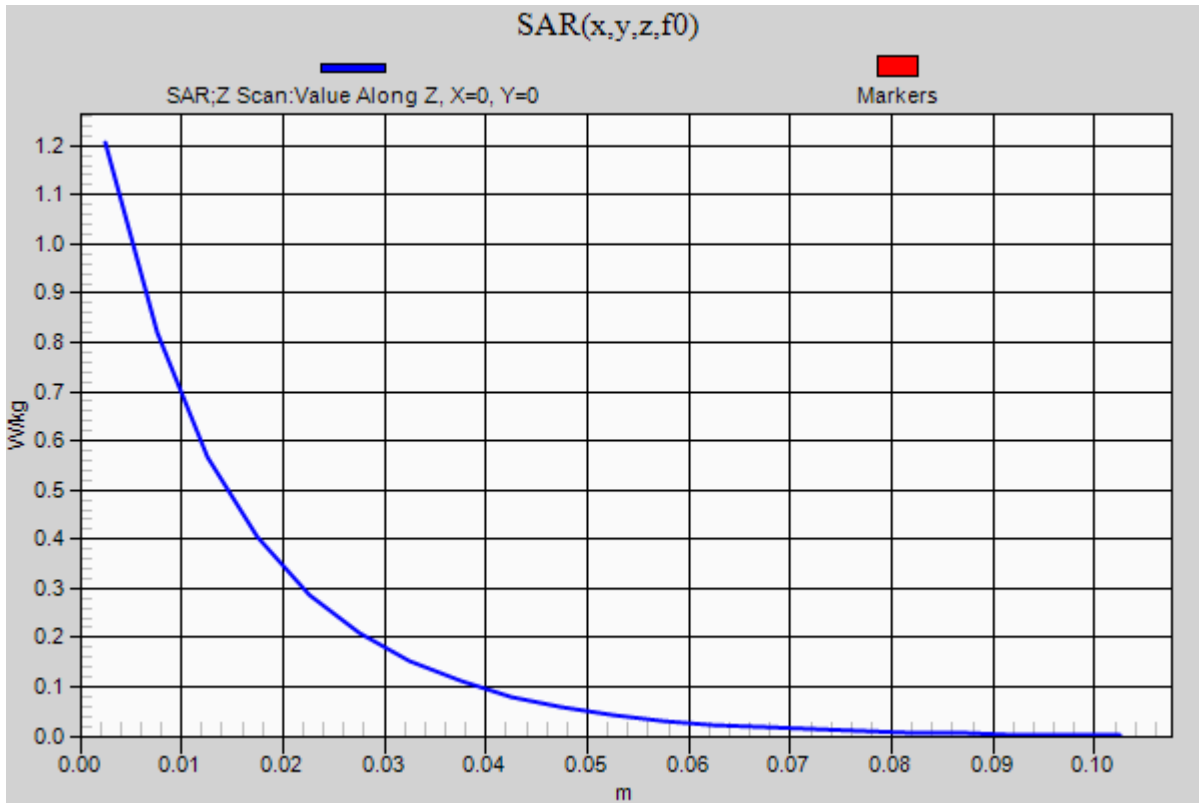


0 dB = 1.22 W/kg = 0.86 dBW/kg

### 20170628\_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) = 1.21 W/kg



## 20170629\_SystemPerformanceCheck-D1900V2 SN 5d163

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

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.63$  S/m;  $\epsilon_r = 52.521$ ;  $\rho = 1000$  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 Sn1259; Calibrated: 1/20/2017
- Probe: EX3DV4 - SN3751; ConvF(7.18, 7.18, 7.18); Calibrated: 11/17/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP (Wi-Fi 5 GHz); Type: QD000P40CD; Serial: TP:xxxx

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

Maximum value of SAR (measured) = 6.07 W/kg

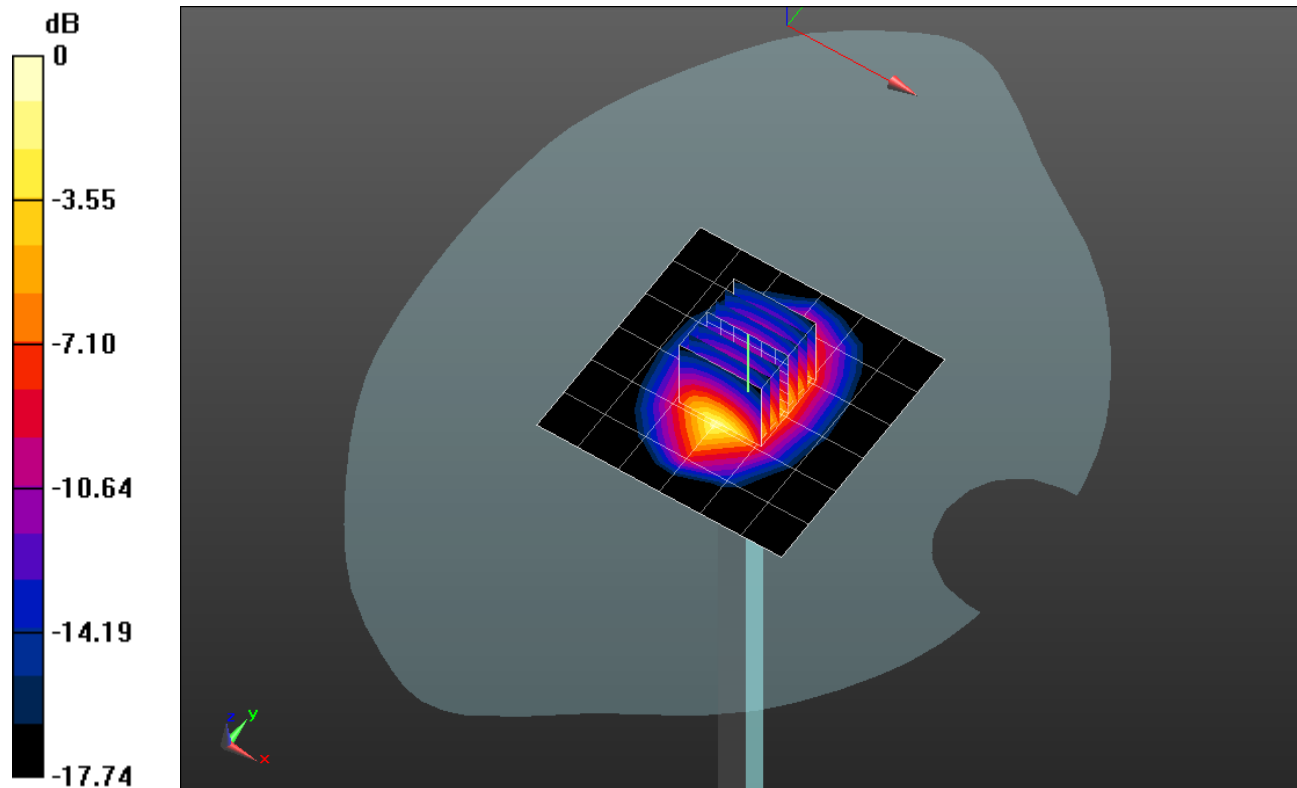
**Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 59.88 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 7.85 W/kg

**SAR(1 g) = 4.22 W/kg; SAR(10 g) = 2.16 W/kg**

Maximum value of SAR (measured) = 5.75 W/kg

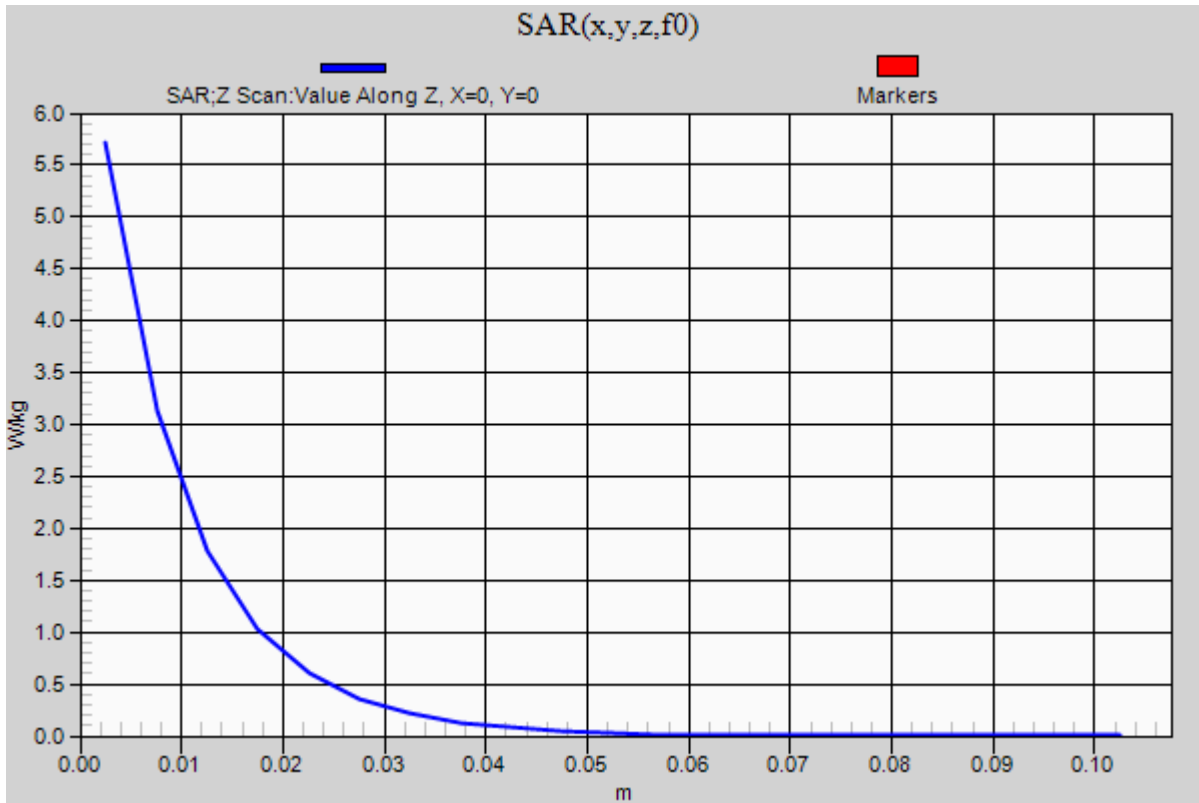


0 dB = 5.75 W/kg = 7.60 dBW/kg

### 20170629\_SystemPerformanceCheck-D1900V2 SN 5d163

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) = 5.71 W/kg



## 20170629 SystemPerformanceCheck-D2450V2 SN 899

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

Medium parameters used:  $f = 2450 \text{ MHz}$ ;  $\sigma = 1.849 \text{ S/m}$ ;  $\epsilon_r = 38.687$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1259; Calibrated: 1/20/2017
- Probe: EX3DV4 - SN3751; ConvF(6.84, 6.84, 6.84); Calibrated: 11/17/2016;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI-B v5.0; Type: QDOVA002AA; Serial: TP:1195

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

Maximum value of SAR (measured) = 5.84 W/kg

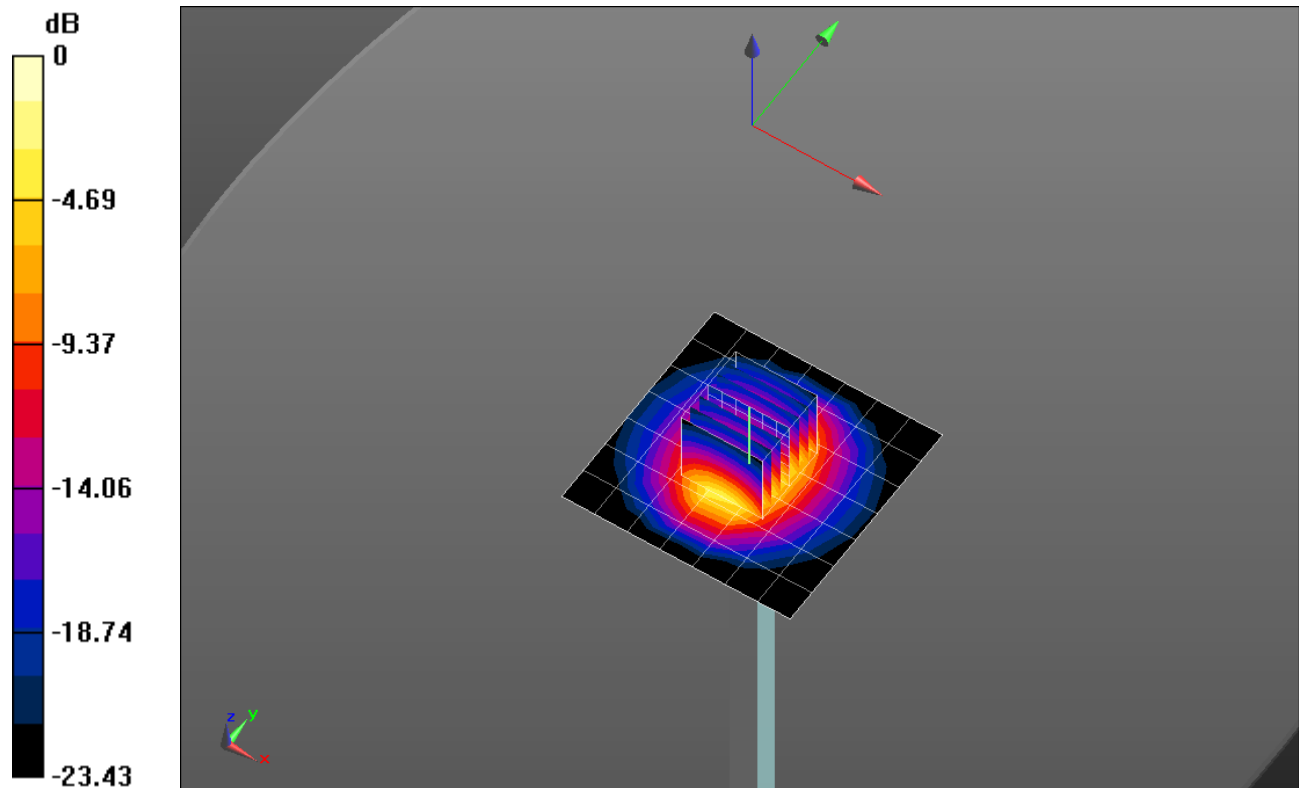
**Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 65.87 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 12.2 W/kg

**SAR(1 g) = 5.62 W/kg; SAR(10 g) = 2.56 W/kg**

Maximum value of SAR (measured) = 8.11 W/kg



0 dB = 8.11 W/kg = 9.09 dBW/kg

### 20170629 SystemPerformanceCheck-D2450V2 SN 899

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) = 8.10 W/kg

