

## 20150904\_SystemPerformanceCheck-D1900V2 SN 5d199

Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 1900 \text{ MHz}$ ;  $\sigma = 1.4 \text{ S/m}$ ;  $\epsilon_r = 38.985$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1446; Calibrated: 2015-08-17
- Probe: EX3DV4 - SN7313; ConvF(7.78, 7.78, 7.78); Calibrated: 2015-07-23;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0(Middle); Type: QD000P40CD; Serial: TP:1847

**Head/Pin=100 mW 2/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 5.23 W/kg

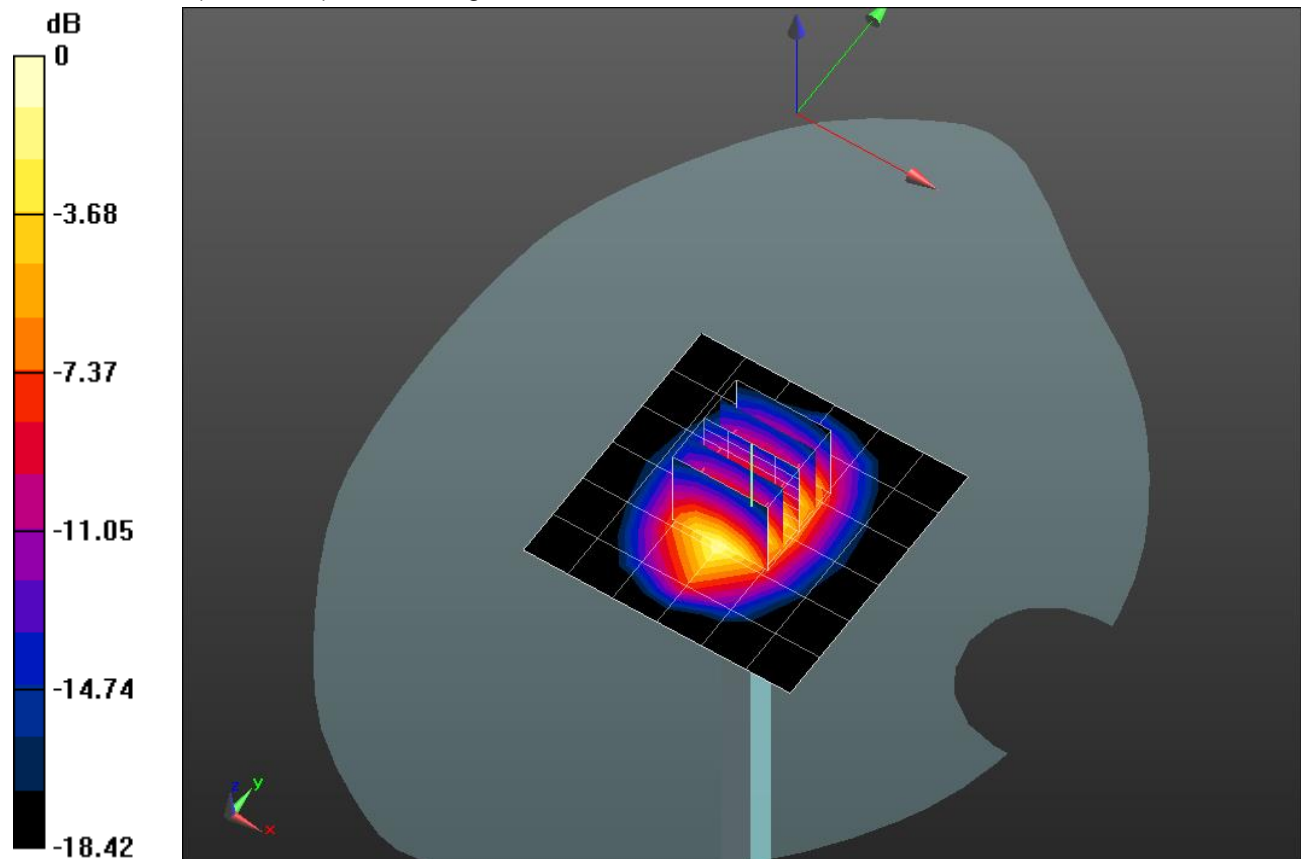
**Head/Pin=100 mW 2/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 61.97 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 7.15 W/kg

**SAR(1 g) = 3.85 W/kg; SAR(10 g) = 1.99 W/kg**

Maximum value of SAR (measured) = 5.20 W/kg



0 dB = 5.20 W/kg = 7.16 dBW/kg

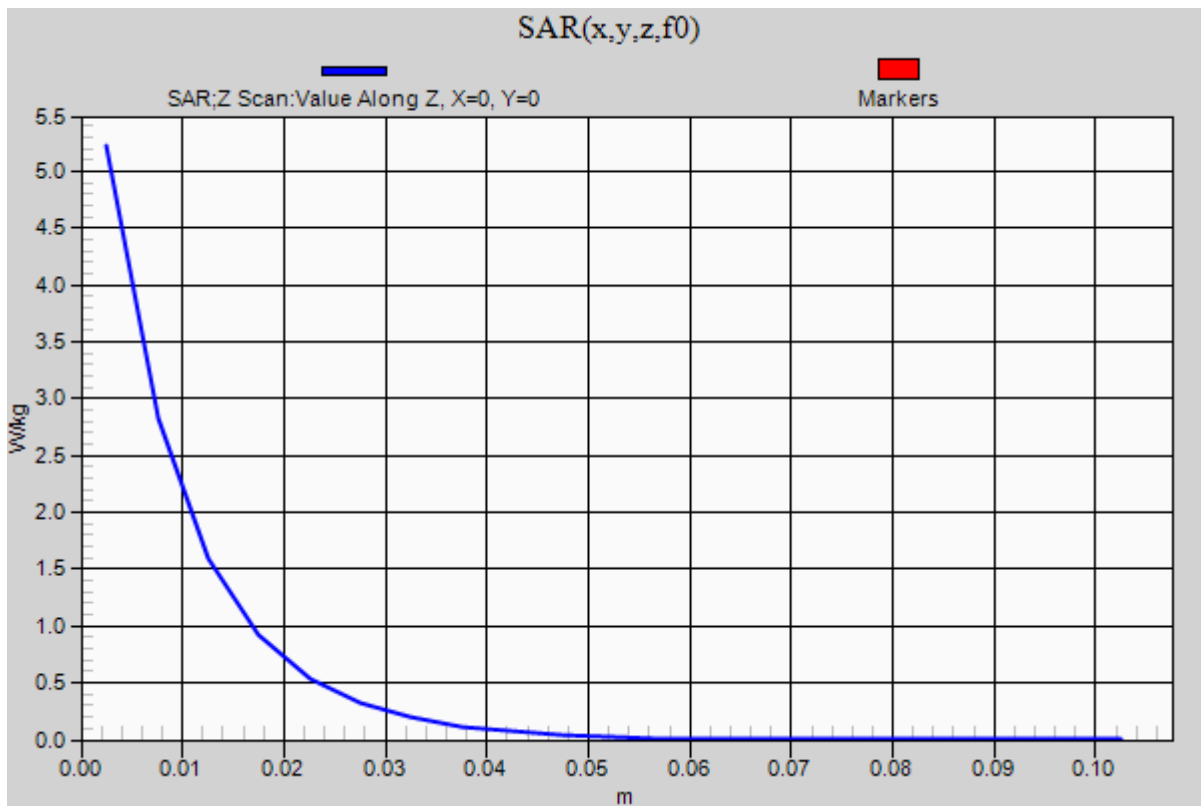
### 20150904\_SystemPerformanceCheck-D1900V2 SN 5d199

Frequency: 1900 MHz; Duty Cycle: 1:1

**Head/Pin=100 mW 2/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 5.23 W/kg

**Head/Pin=100 mW 2/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 61.97 V/m; Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 7.15 W/kg  
**SAR(1 g) = 3.85 W/kg; SAR(10 g) = 1.99 W/kg**  
Maximum value of SAR (measured) = 5.20 W/kg

**Head/Pin=100 mW 2/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm



## 20150904\_SystemPerformanceCheck-D835V2 SN 4d159

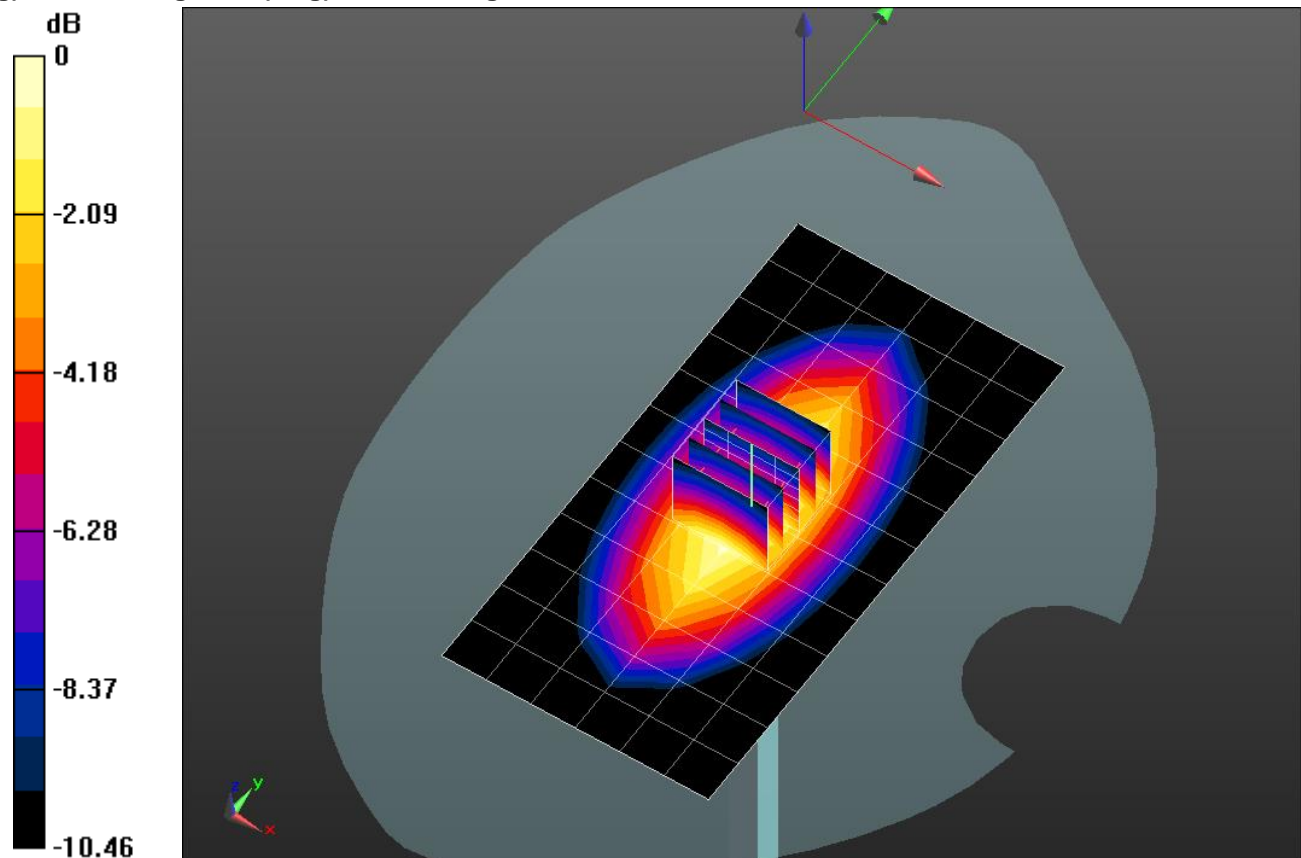
Frequency: 835 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.894 \text{ S/m}$ ;  $\epsilon_r = 40.985$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1446; Calibrated: 2015-08-17
- Probe: EX3DV4 - SN7313; ConvF(9.45, 9.45, 9.45); Calibrated: 2015-07-23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1846

**Head/Pin=100 mW 2 2 2/Area Scan (7x13x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 1.25 W/kg

**Head/Pin=100 mW 2 2 2/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 38.02 V/m; Power Drift = -0.00 dB  
 Peak SAR (extrapolated) = 1.47 W/kg  
**SAR(1 g) = 0.992 W/kg; SAR(10 g) = 0.655 W/kg**



0 dB = 1.25 W/kg = 0.97 dBW/kg

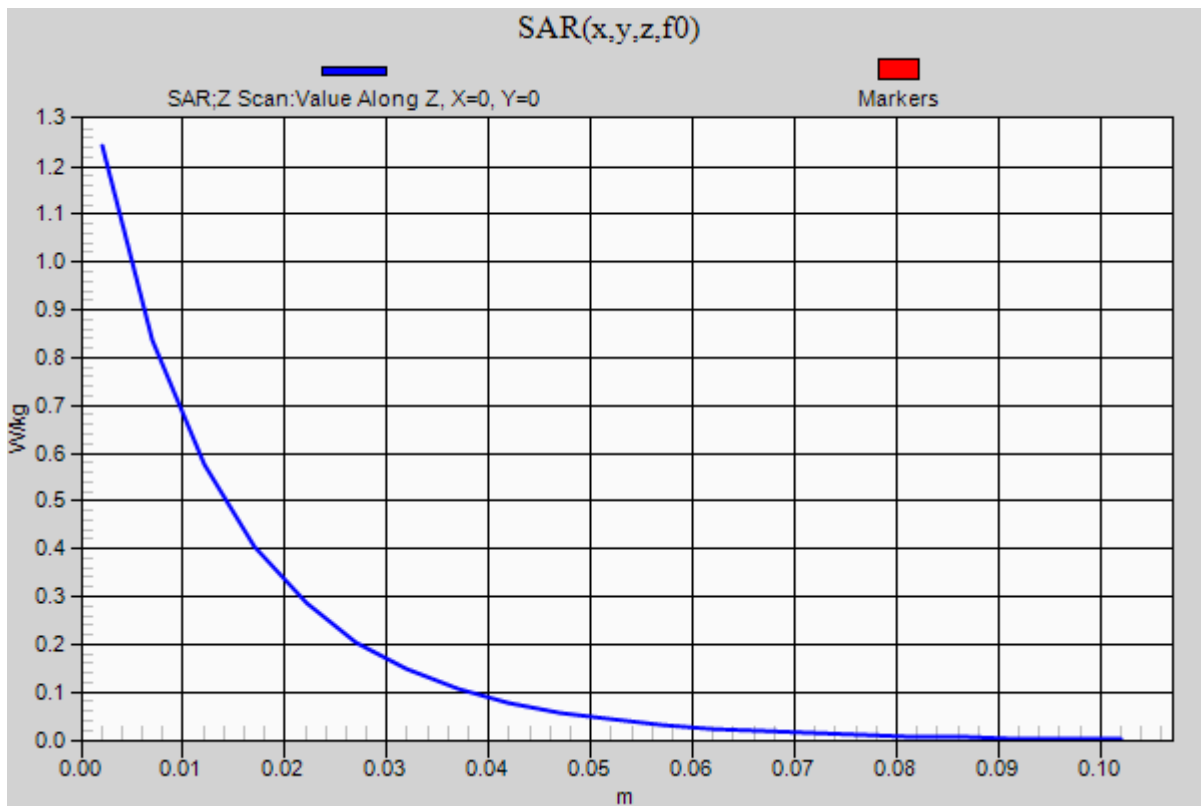
### 20150904\_SystemPerformanceCheck-D835V2 SN 4d159

Frequency: 835 MHz; Duty Cycle: 1:1

**Head/Pin=100 mW 2 2 2/Area Scan (7x13x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 1.25 W/kg

**Head/Pin=100 mW 2 2 2/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 38.02 V/m; Power Drift = -0.00 dB  
Peak SAR (extrapolated) = 1.47 W/kg  
**SAR(1 g) = 0.992 W/kg; SAR(10 g) = 0.655 W/kg**

**Head/Pin=100 mW 2 2 2/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 1.24 W/kg



## 20150906\_SystemPerformanceCheck\_D2450V2 SN 960

Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 2450 \text{ MHz}$ ;  $\sigma = 1.889 \text{ S/m}$ ;  $\epsilon_r = 37.416$ ;  $\rho = 1000 \text{ kg/m}^3$

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: DAE3 Sn479; Calibrated: 2014-10-15
- Probe: EX3DV4 - SN7352; ConvF(7.6, 7.6, 7.6); Calibrated: 2015-03-06;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM Phantom CRP v5.0(Middle); Type: QD000P40CD; Serial: TP:1854

**Head/Pin=100 mW 2/Area Scan (9x8x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 5.98 W/kg

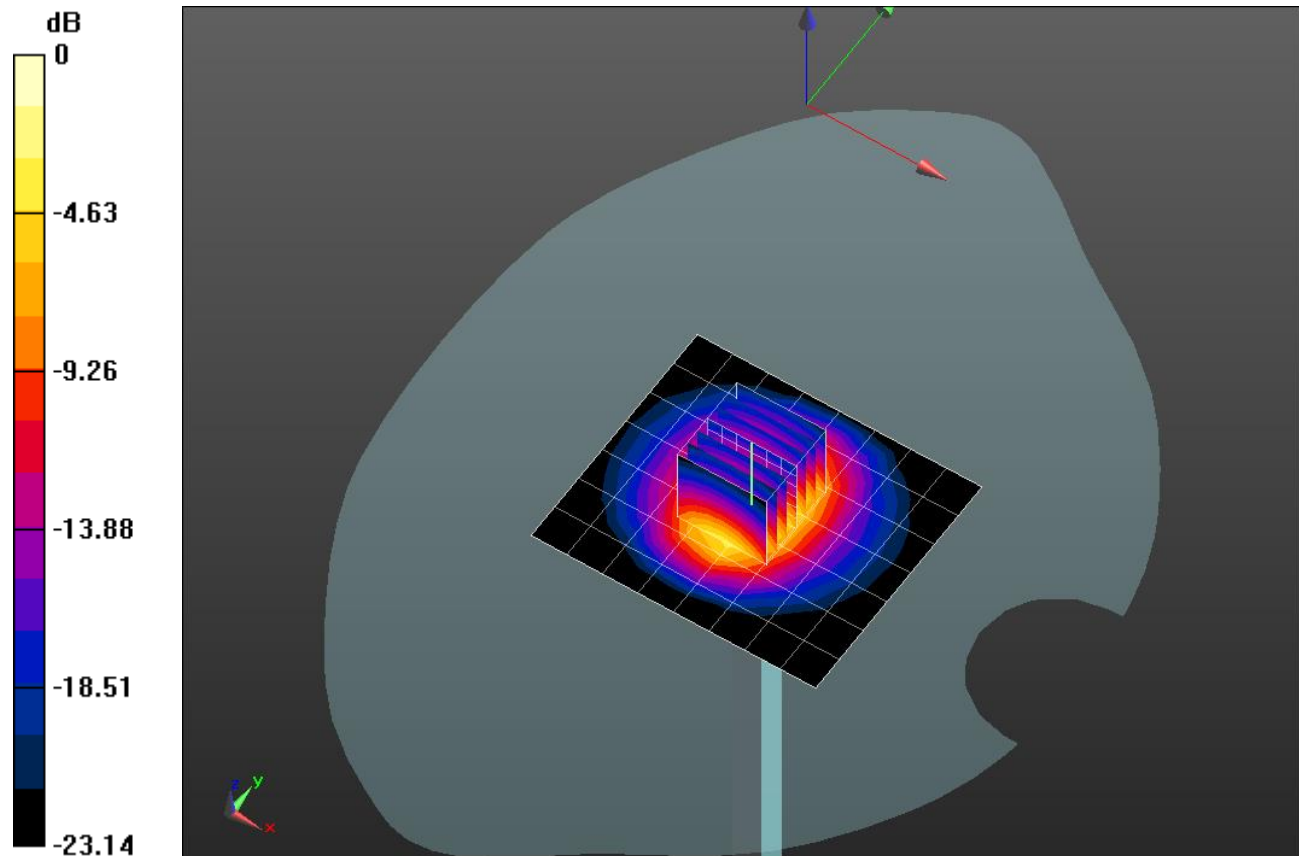
**Head/Pin=100 mW 2/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 69.29 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 12.0 W/kg

**SAR(1 g) = 5.64 W/kg; SAR(10 g) = 2.58 W/kg**

Maximum value of SAR (measured) = 6.37 W/kg



0 dB = 6.37 W/kg = 8.04 dBW/kg

### 20150906\_SystemPerformanceCheck\_D2450V2 SN 960

Frequency: 2450 MHz; Duty Cycle: 1:1

**Head/Pin=100 mW 2/Area Scan (9x8x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 5.98 W/kg

**Head/Pin=100 mW 2/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 69.29 V/m; Power Drift = -0.04 dB  
Peak SAR (extrapolated) = 12.0 W/kg  
**SAR(1 g) = 5.64 W/kg; SAR(10 g) = 2.58 W/kg**  
Maximum value of SAR (measured) = 6.37 W/kg

**Head/Pin=100 mW 2/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 10.1 W/kg

