

## 20150624\_SystemPerformanceCheck-D5GHzV2 SN 1209

Frequency: 5200 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 5200 \text{ MHz}$ ;  $\sigma = 4.673 \text{ S/m}$ ;  $\epsilon_r = 35.614$ ;  $\rho = 1000 \text{ kg/m}^3$

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: 2015-01-12
- Probe: EX3DV4 - SN7330; ConvF(5.22, 5.22, 5.22); Calibrated: 2015-02-12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0(Middle); Type: QD000P40CD; Serial: TP:xxxx

**Head/5.2 GHz, Pin=100mW/Area Scan (61x61x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 57.00 V/m; Power Drift = -0.09 dB

**Fast SAR: SAR(1 g) = 7.74 W/kg; SAR(10 g) = 2.14 W/kg**

Maximum value of SAR (interpolated) = 20.0 W/kg

**Head/5.2 GHz, Pin=100mW/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm,

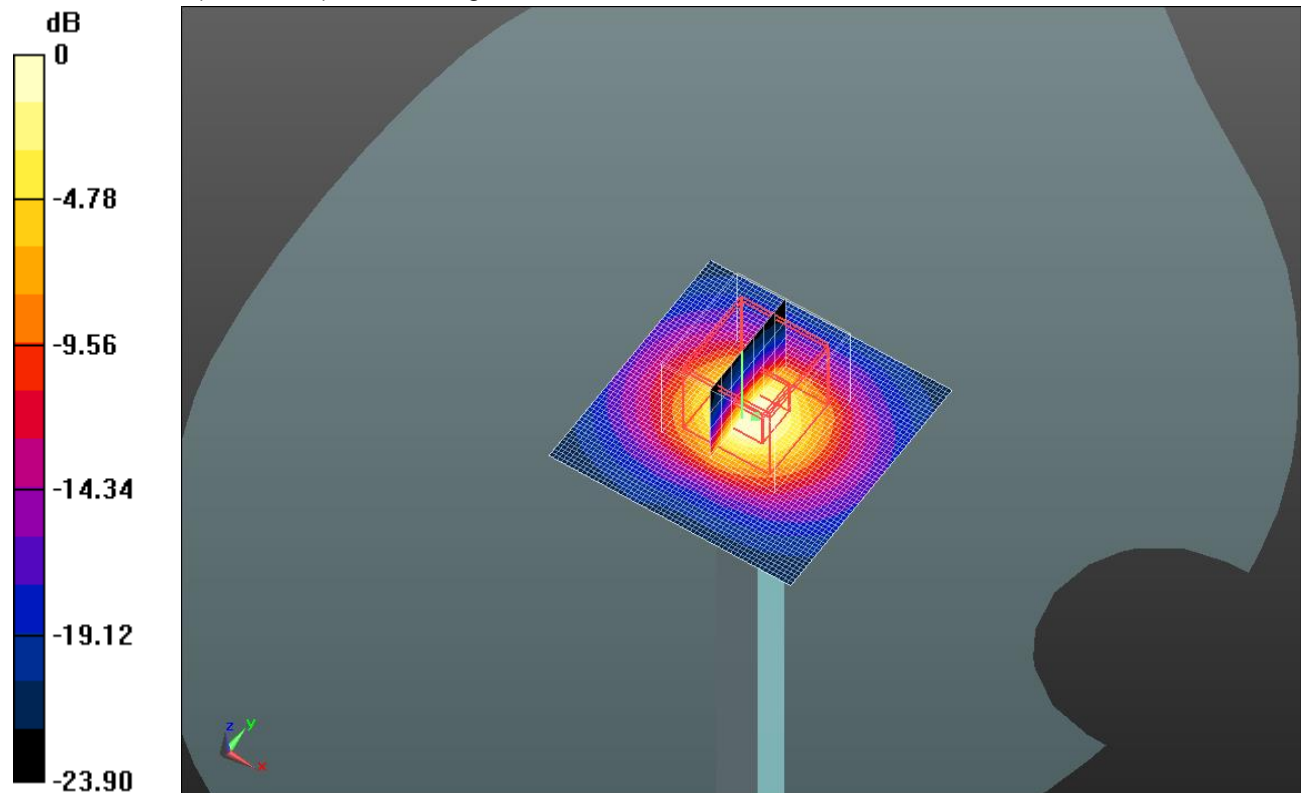
dz=1.4mm

Reference Value = 57.00 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 31.7 W/kg

**SAR(1 g) = 8.02 W/kg; SAR(10 g) = 2.36 W/kg**

Maximum value of SAR (measured) = 18.3 W/kg

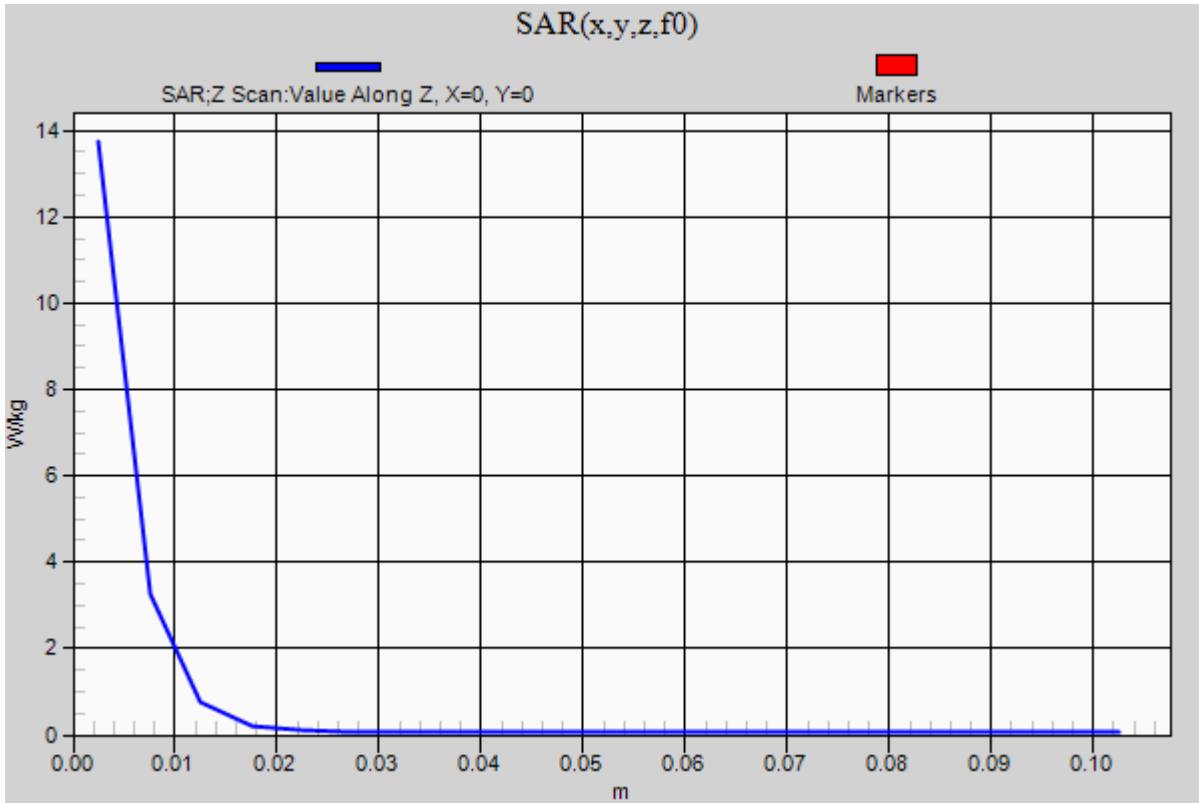


0 dB = 18.3 W/kg = 12.62 dBW/kg

### 20150624\_SystemPerformanceCheck-D5GHzV2 SN 1209

Frequency: 5200 MHz; Duty Cycle: 1:1

**Head/5.2 GHz, Pin=100mW/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 13.7 W/kg



## 20150616\_SystemPerformanceCheck-D835V2 SN 4d174

Frequency: 835 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.916 \text{ S/m}$ ;  $\epsilon_r = 41.77$ ;  $\rho = 1000 \text{ kg/m}^3$

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: 2014-08-25
- Probe: EX3DV4 - SN7313; ConvF(9.73, 9.73, 9.73); Calibrated: 2014-08-27;
- 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/Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 38.28 V/m; Power Drift = -0.04 dB

**Fast SAR: SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.707 W/kg**

Maximum value of SAR (interpolated) = 1.29 W/kg

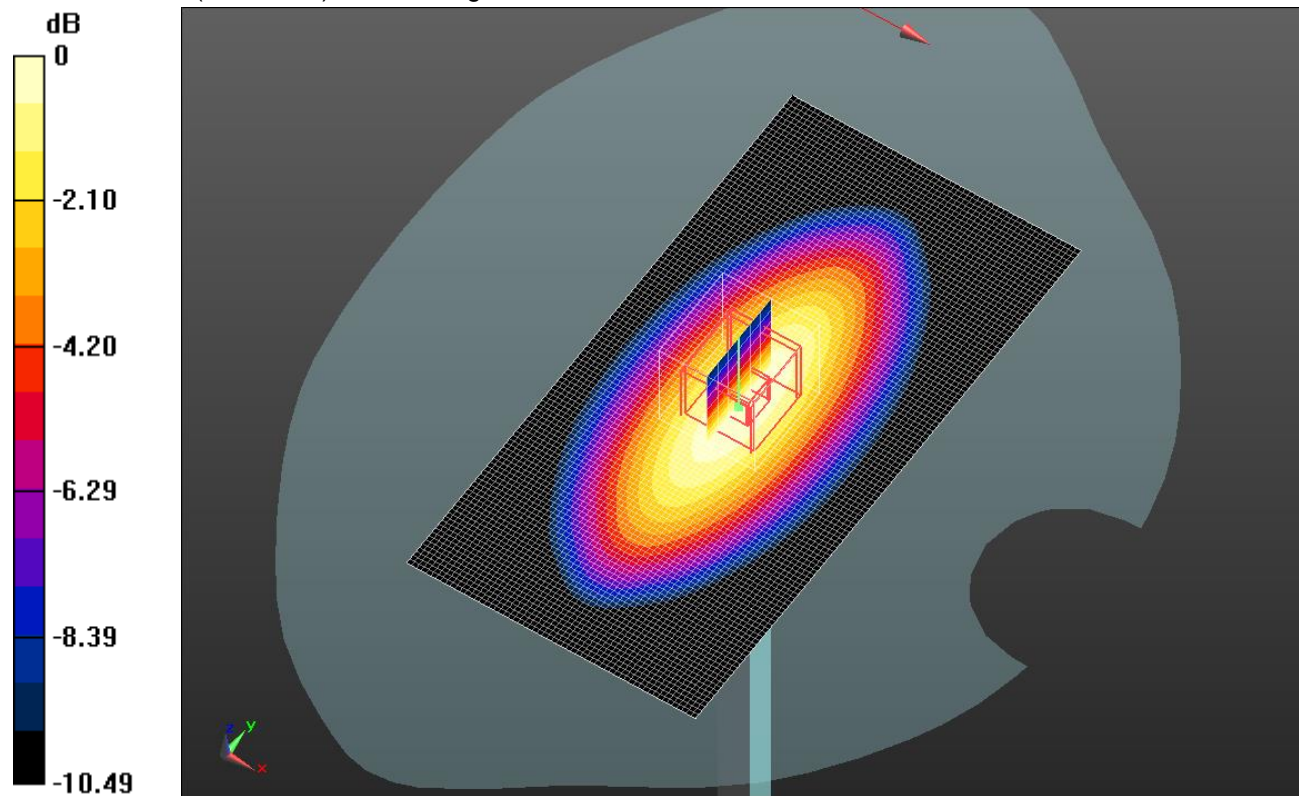
**Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 38.28 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.53 W/kg

**SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.667 W/kg**

Maximum value of SAR (measured) = 1.29 W/kg

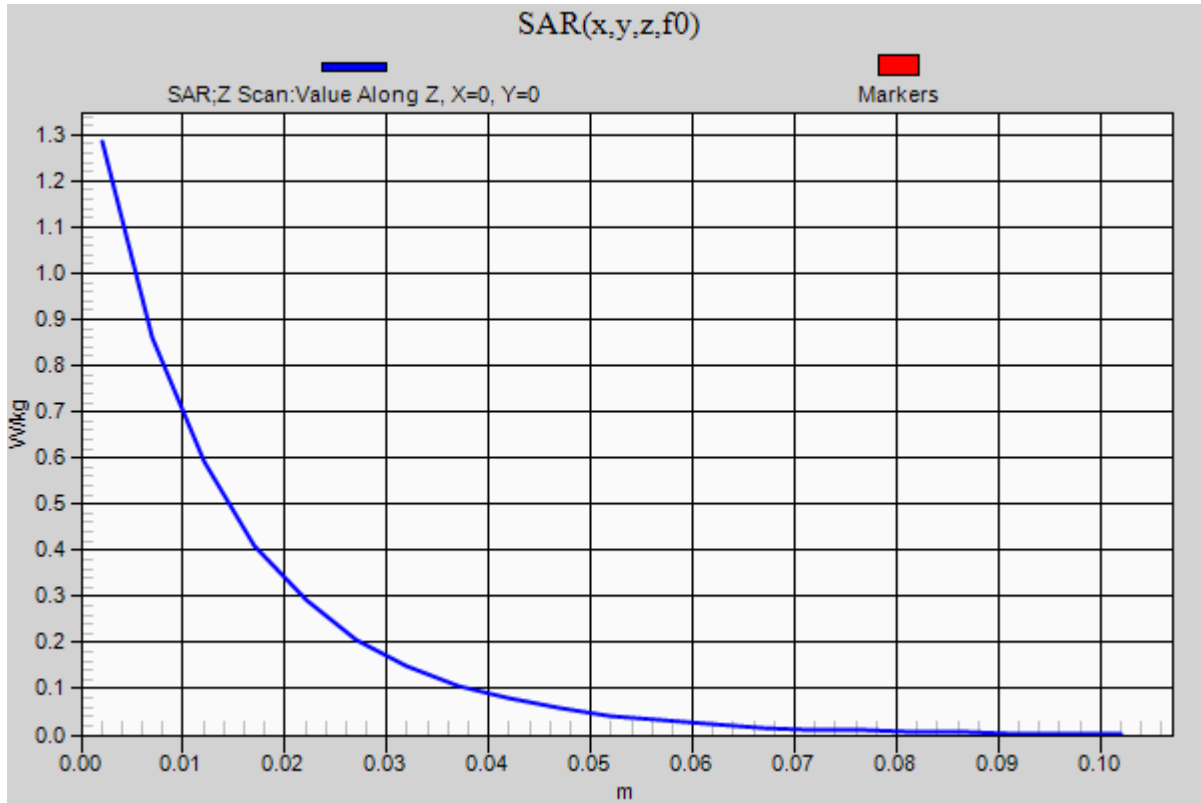


0 dB = 1.29 W/kg = 1.11 dBW/kg

### 20150616\_SystemPerformanceCheck-D835V2 SN 4d174

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



## 20150617\_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:  $f = 1900 \text{ MHz}$ ;  $\sigma = 1.439 \text{ S/m}$ ;  $\epsilon_r = 39.053$ ;  $\rho = 1000 \text{ kg/m}^3$

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: 2014-08-25
- Probe: EX3DV4 - SN7313; ConvF(7.87, 7.87, 7.87); Calibrated: 2014-08-27;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0(Middle); Type: QD000P40CD; Serial: TP:xxxx

**Head/Pin=100 mW 2/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 61.52 V/m; Power Drift = -0.00 dB

**Fast SAR: SAR(1 g) = 4.15 W/kg; SAR(10 g) = 2.13 W/kg**

Maximum value of SAR (interpolated) = 5.49 W/kg

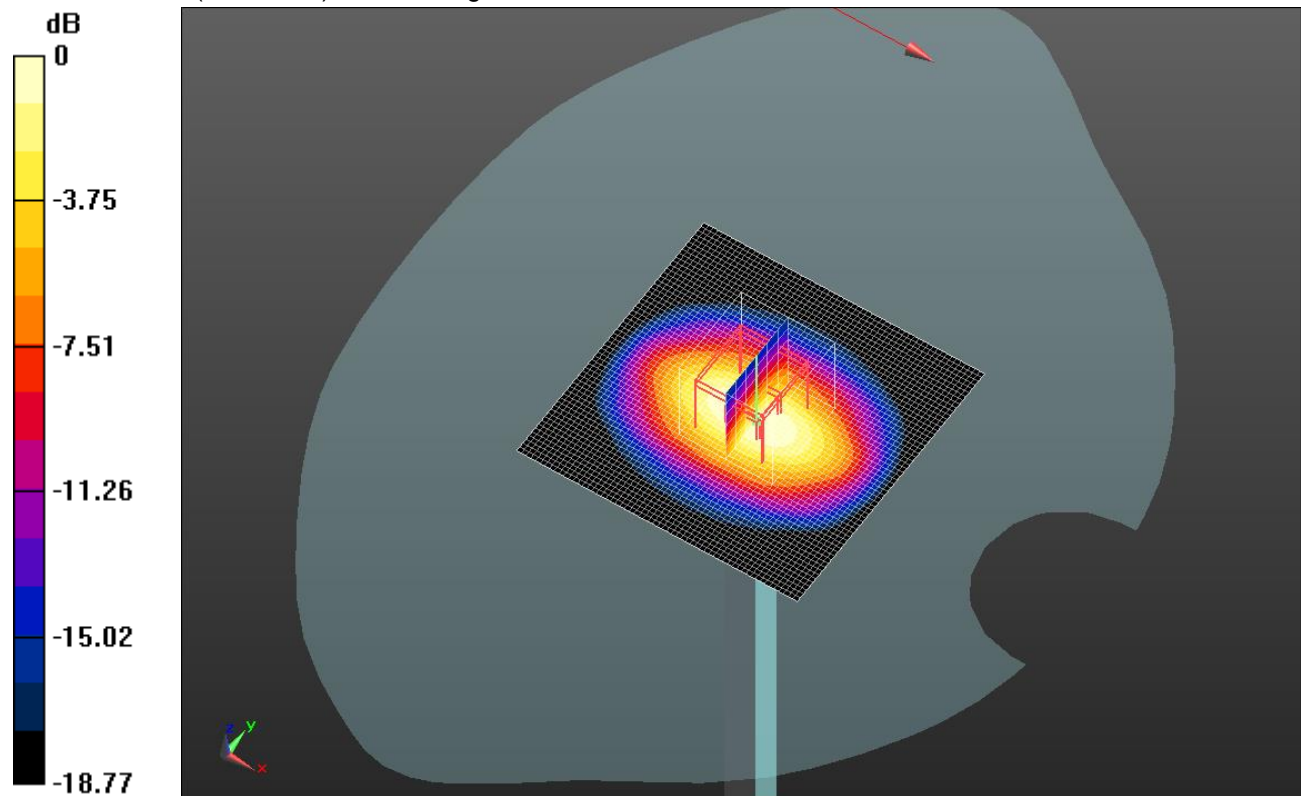
**Head/Pin=100 mW 2/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 61.52 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 7.67 W/kg

**SAR(1 g) = 3.97 W/kg; SAR(10 g) = 2.02 W/kg**

Maximum value of SAR (measured) = 5.43 W/kg

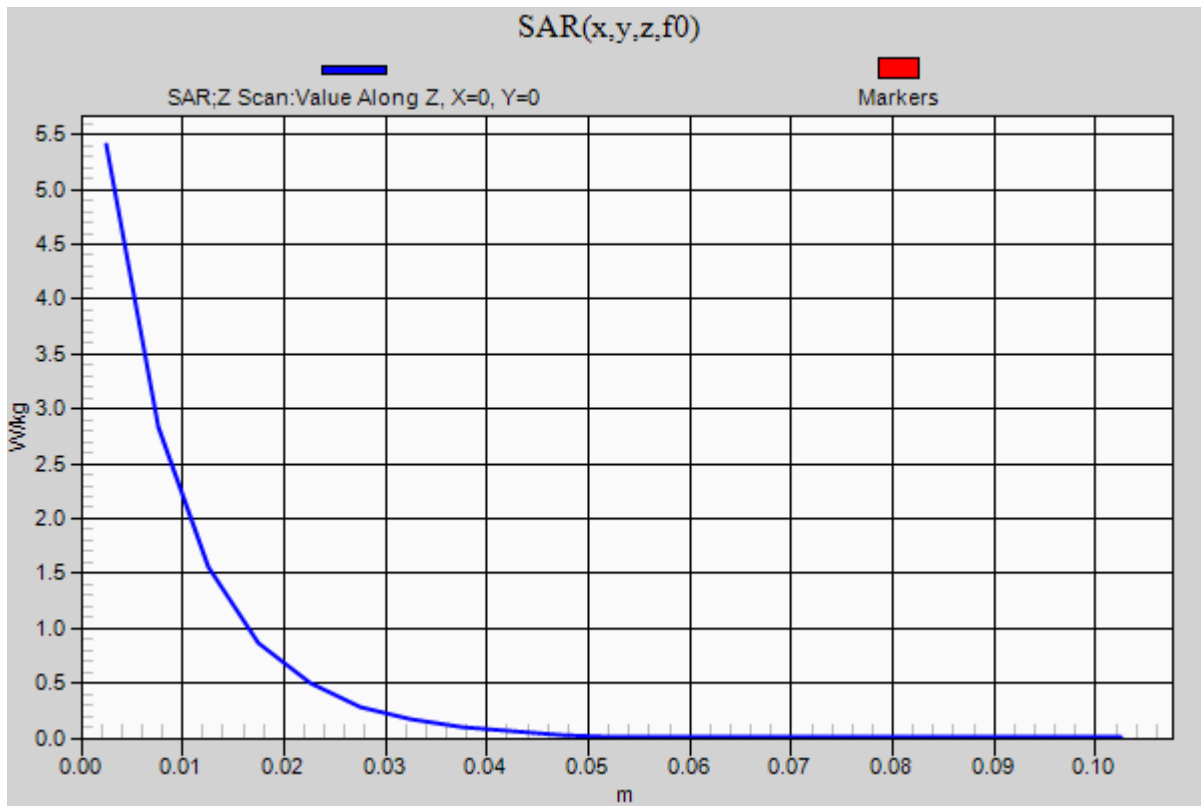


0 dB = 5.43 W/kg = 7.35 dBW/kg

### 20150617\_SystemPerformanceCheck-D1900V2 SN 5d199

Frequency: 1900 MHz; Duty Cycle: 1:1

**Head/Pin=100 mW 2/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 5.41 W/kg



## 20150623\_SystemPerformanceCheck-D2450V2 SN 939

Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.872$  S/m;  $\epsilon_r = 38.353$ ;  $\rho = 1000$  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 Sn1446; Calibrated: 2014-08-27
- Probe: EX3DV4 - SN7323; ConvF(7.38, 7.38, 7.38); Calibrated: 2014-12-05;
- 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 (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 69.04 V/m; Power Drift = -0.02 dB

**Fast SAR: SAR(1 g) = 5.56 W/kg; SAR(10 g) = 2.52 W/kg**

Maximum value of SAR (interpolated) = 6.51 W/kg

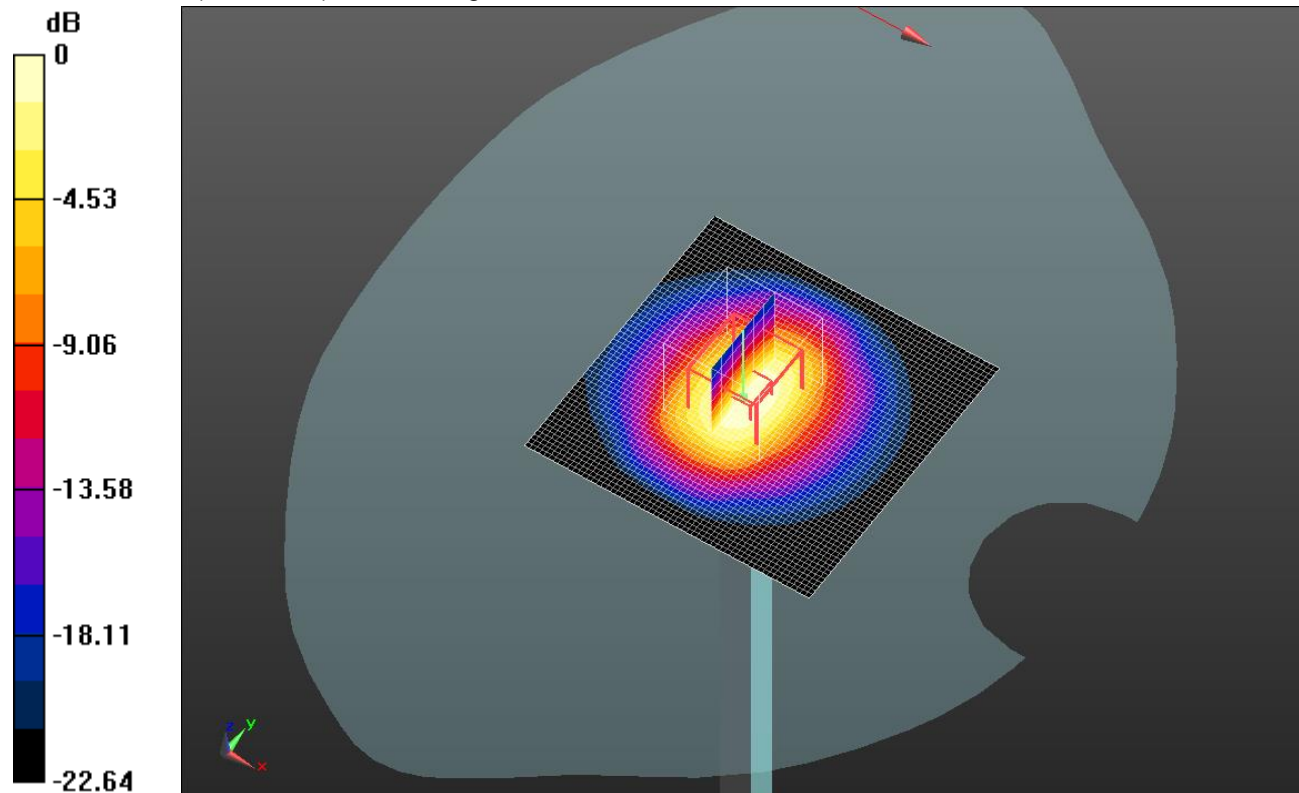
**Head/Pin=100 mW 2/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 69.04 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 12.0 W/kg

**SAR(1 g) = 5.57 W/kg; SAR(10 g) = 2.55 W/kg**

Maximum value of SAR (measured) = 6.32 W/kg



0 dB = 6.32 W/kg = 8.01 dBW/kg

### 20150623\_SystemPerformanceCheck-D2450V2 SN 939

Frequency: 2450 MHz; Duty Cycle: 1:1

**Head/Pin=100 mW 2/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 8.86 W/kg

