

**20150420\_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;  $\sigma = 2.03$  S/m;  $\epsilon_r = 50.638$ ;  $\rho = 1000$  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: 2015-01-12
- Probe: EX3DV4 - SN7330; ConvF(7.32, 7.32, 7.32); Calibrated: 2015-02-12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: ELI Phantom v5.0; Type: QDOVA002AA; Serial: TP:2013

**Body/Pin=100 mW 2 2 2/Area Scan (81x71x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Reference Value = 64.35 V/m; Power Drift = -0.07 dB

**Fast SAR: SAR(1 g) = 5.36 W/kg; SAR(10 g) = 2.37 W/kg**

Maximum value of SAR (interpolated) = 6.36 W/kg

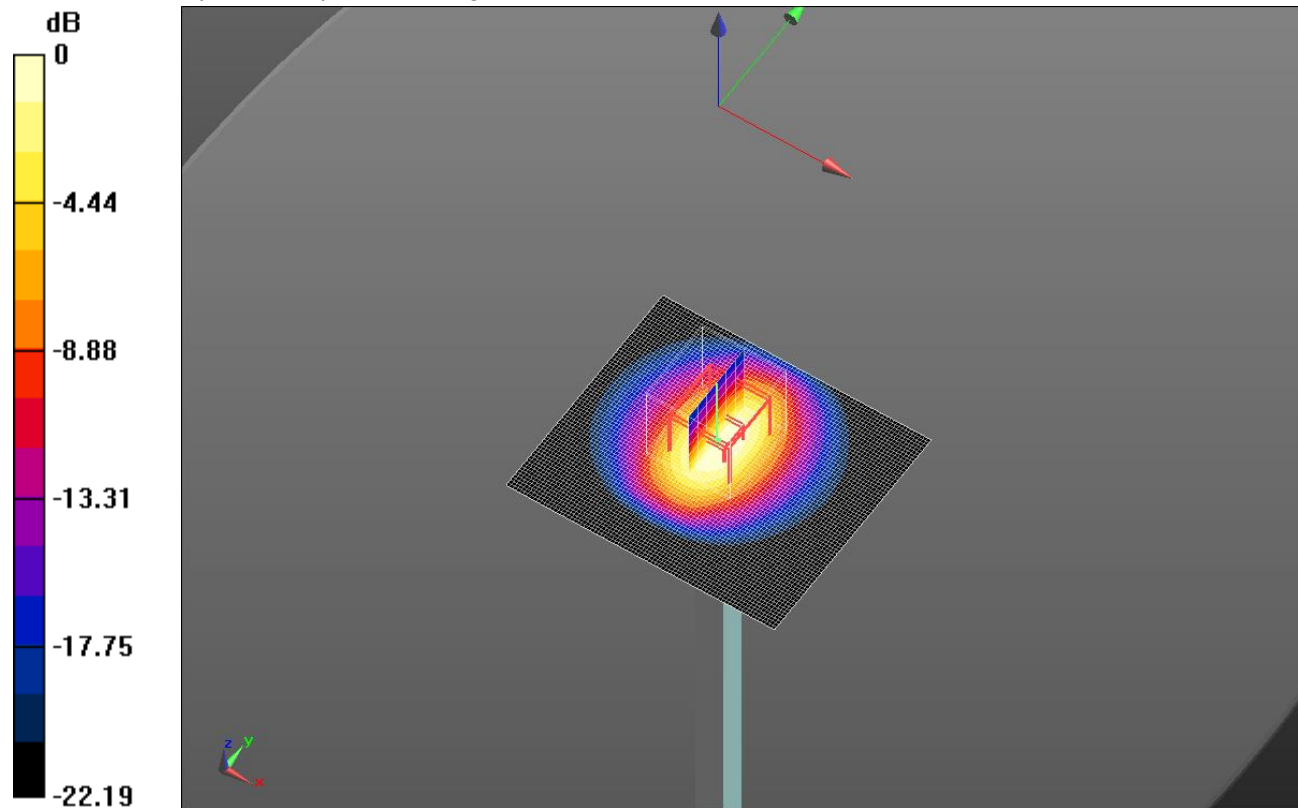
**Body/Pin=100 mW 2 2 2/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 64.35 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 11.2 W/kg

**SAR(1 g) = 5.4 W/kg; SAR(10 g) = 2.47 W/kg**

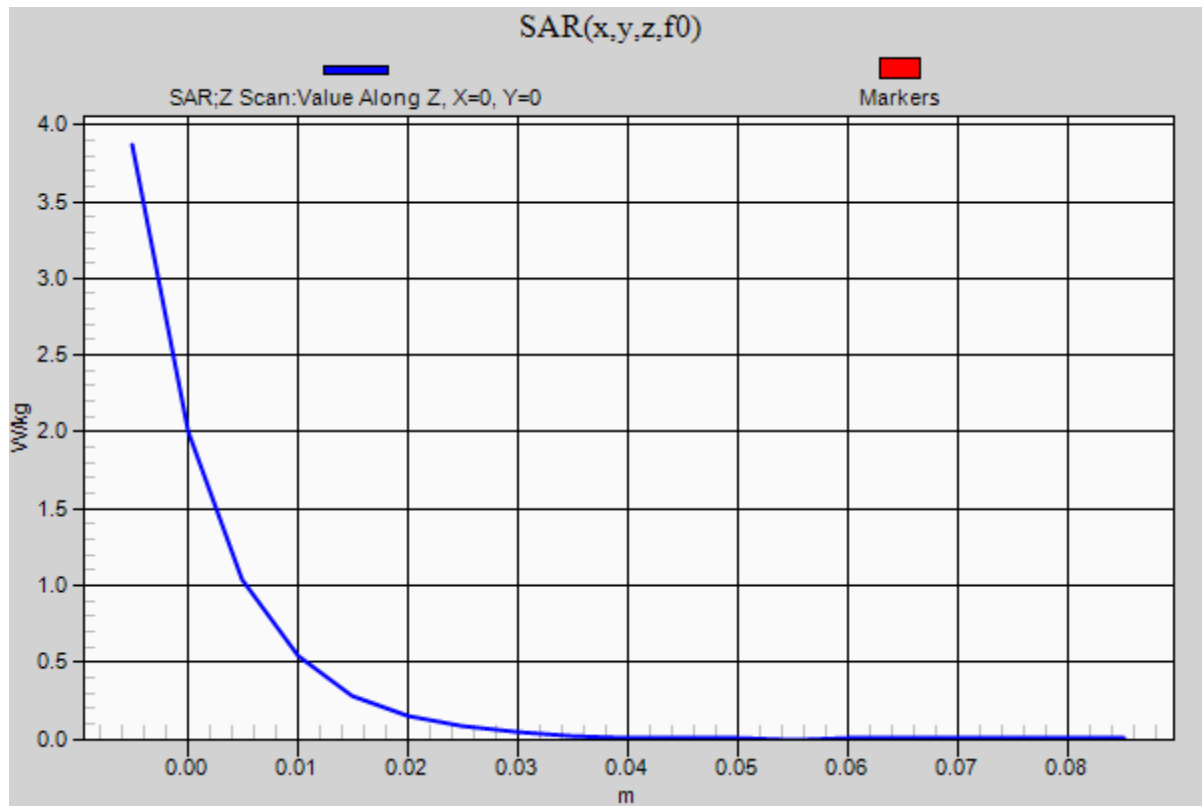
Maximum value of SAR (measured) = 6.18 W/kg



0 dB = 6.18 W/kg = 7.91 dBW/kg

**20150420\_SystemPerformanceCheck-D2450V2 SN 939**

Frequency: 2450 MHz; Duty Cycle: 1:1

**Body/Pin=100 mW 2 2 2/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 3.87 W/kg

**20150428\_SystemPerformanceCheck-D5GHzV2 SN 1184**

Frequency: 5800 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 5800$  MHz;  $\sigma = 6.219$  S/m;  $\epsilon_r = 46.24$ ;  $\rho = 1000$  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: 2015-01-12
- Probe: EX3DV4 - SN7330; ConvF(4.09, 4.09, 4.09); Calibrated: 2015-02-12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:xxxx

**Body/5.8 GHz, Pin=100mW/Area Scan (61x61x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 47.93 V/m; Power Drift = 0.09 dB

**Fast SAR: SAR(1 g) = 7.53 W/kg; SAR(10 g) = 2.06 W/kg**

Maximum value of SAR (interpolated) = 21.3 W/kg

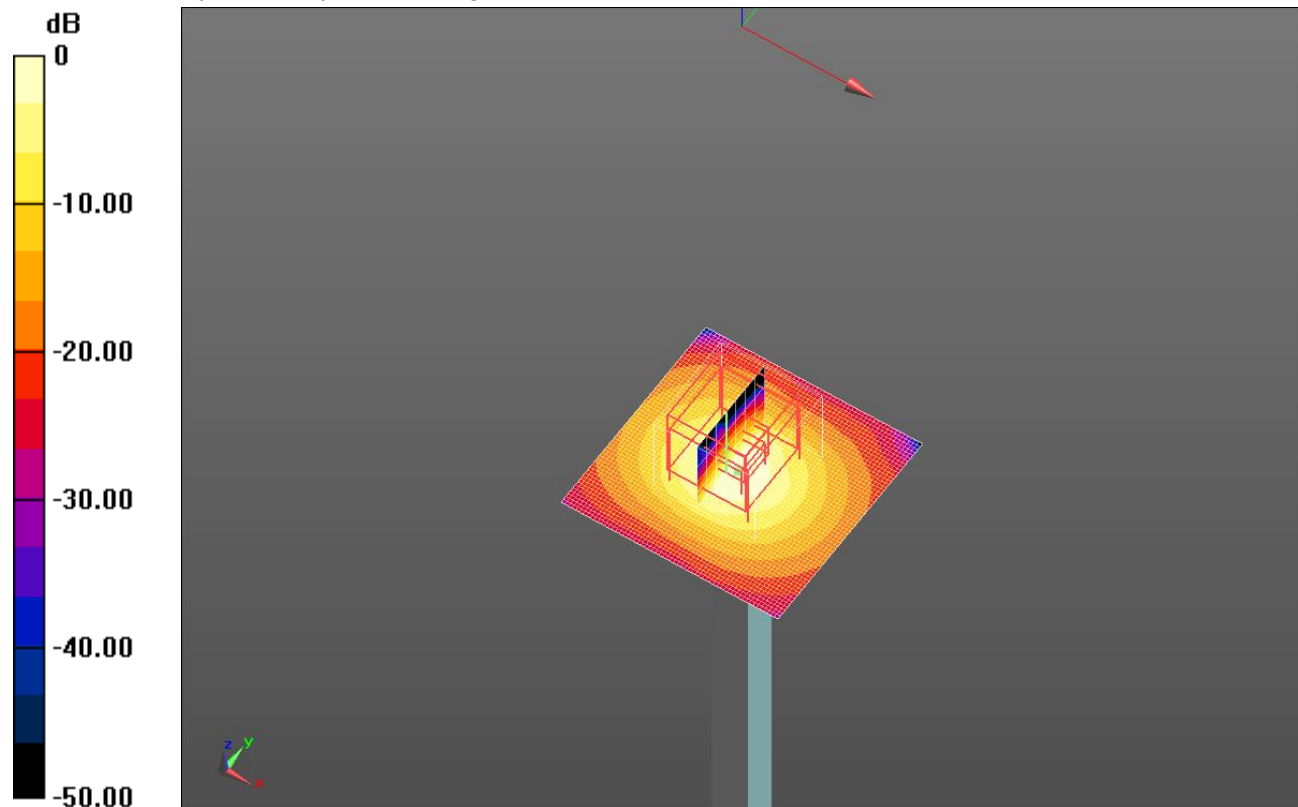
**Body/5.8 GHz, Pin=100mW/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 47.93 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 32.9 W/kg

**SAR(1 g) = 7.32 W/kg; SAR(10 g) = 2.03 W/kg**

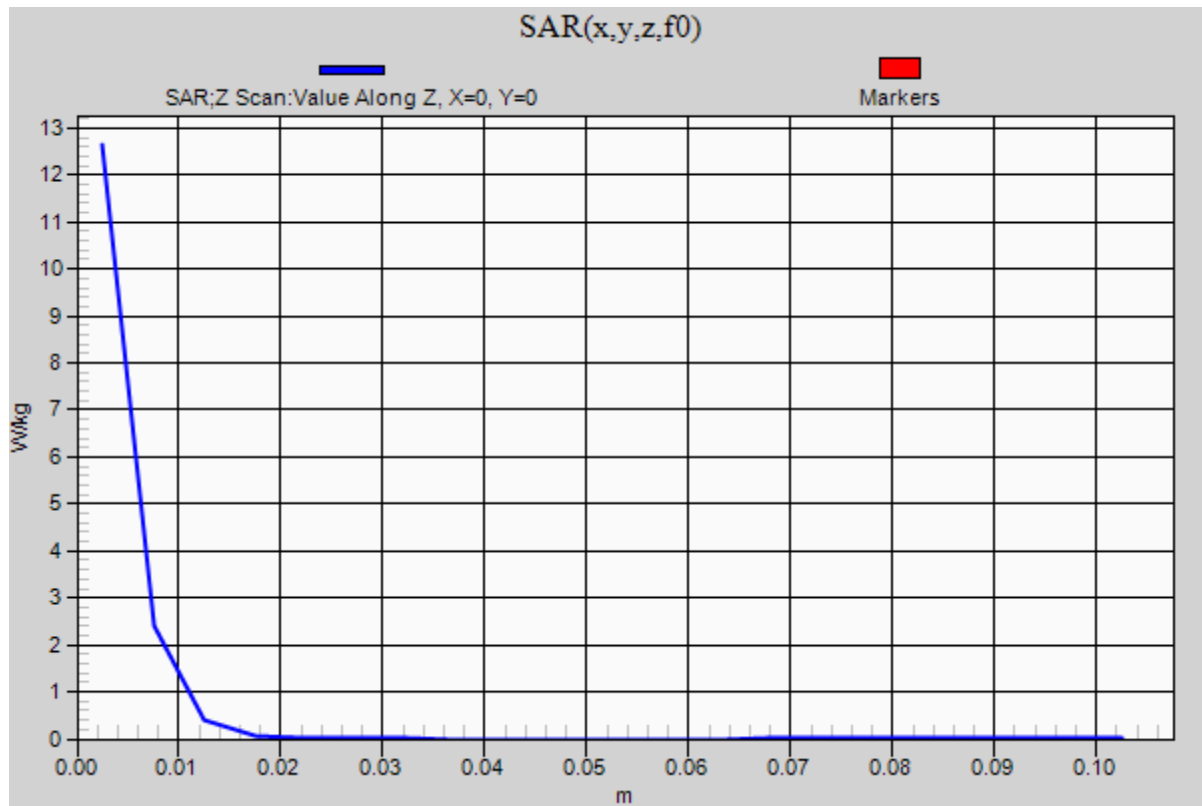
Maximum value of SAR (measured) = 18.5 W/kg



0 dB = 18.5 W/kg = 12.67 dBW/kg

**20150428\_SystemPerformanceCheck-D5GHzV2 SN 1184**

Frequency: 5800 MHz; Duty Cycle: 1:1

**Body/5.8 GHz, Pin=100mW/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 12.6 W/kg

**20150430\_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:  $f = 1900$  MHz;  $\sigma = 1.428$  S/m;  $\epsilon_r = 38.089$ ;  $\rho = 1000$  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 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/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 62.14 V/m; Power Drift = -0.02 dB

**Fast SAR: SAR(1 g) = 4.13 W/kg; SAR(10 g) = 2.13 W/kg**

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

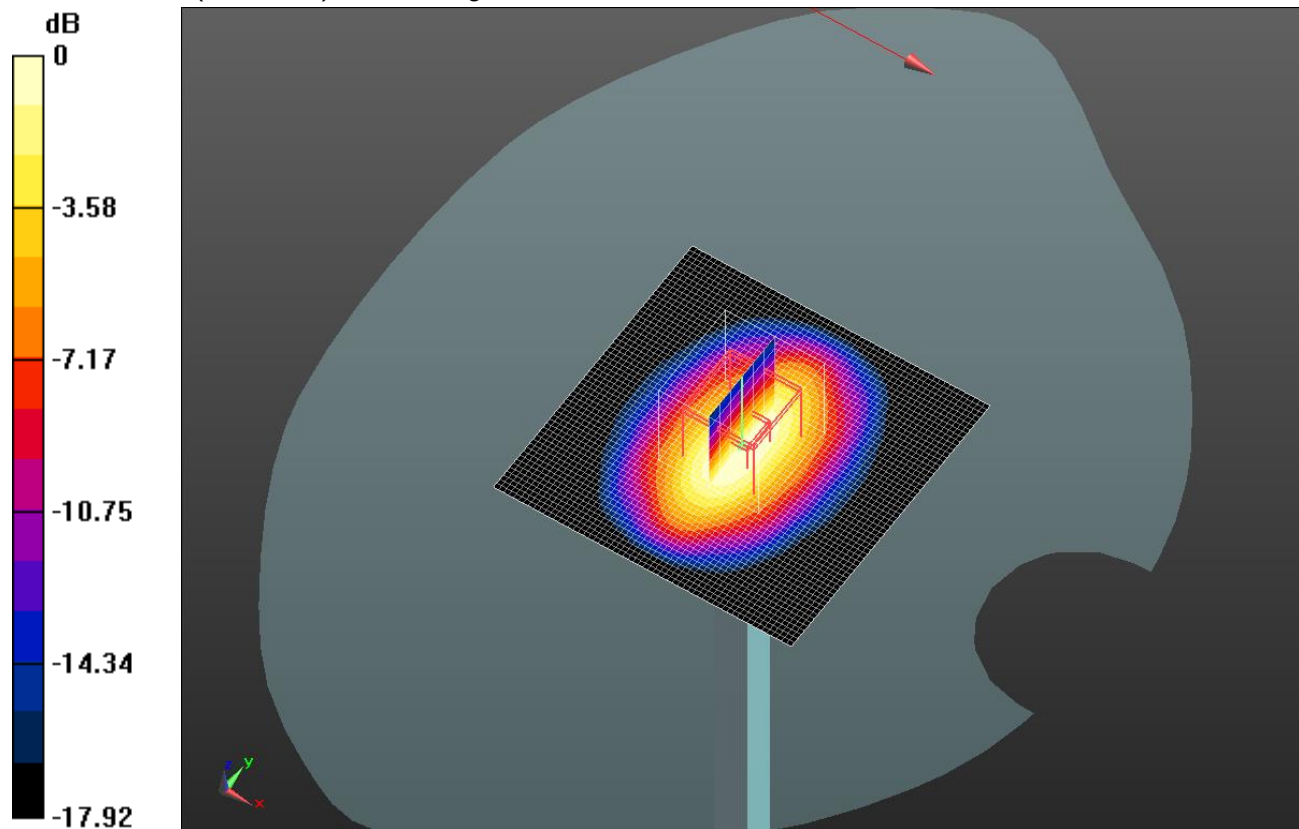
**Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 62.14 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 7.56 W/kg

**SAR(1 g) = 3.97 W/kg; SAR(10 g) = 2.04 W/kg**

Maximum value of SAR (measured) = 5.44 W/kg

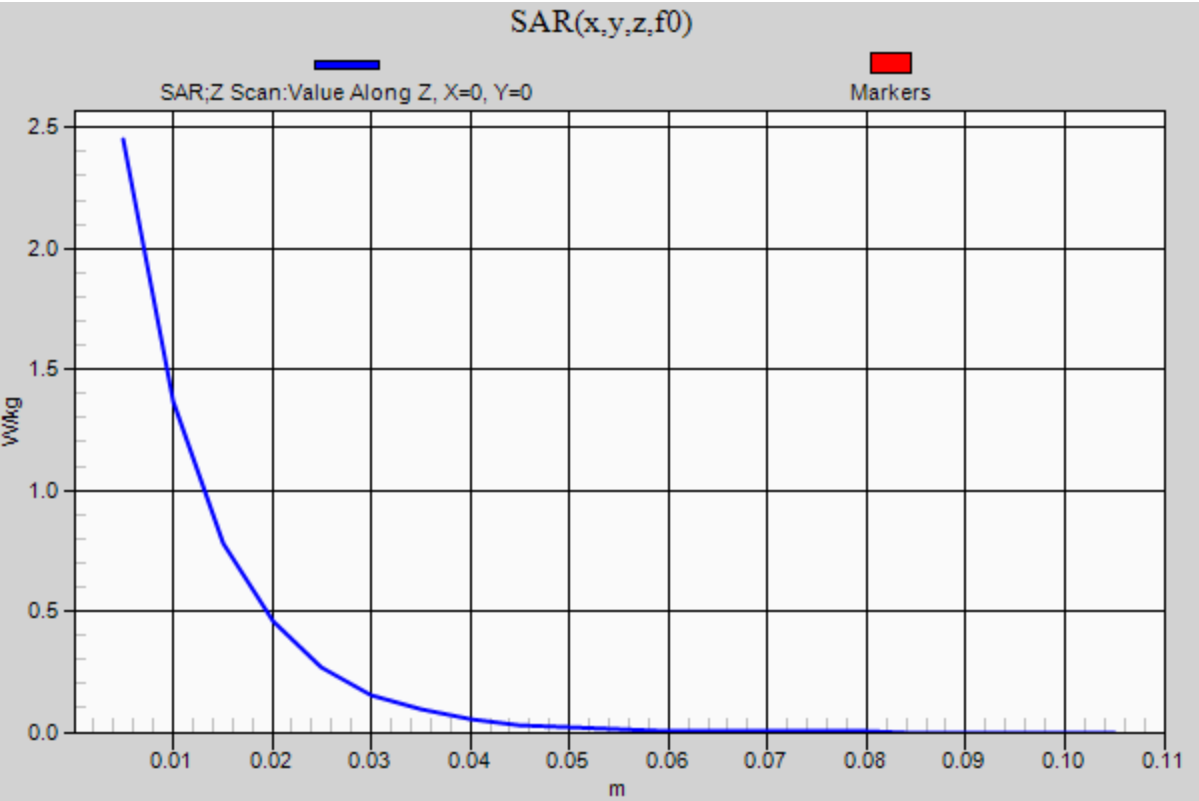


0 dB = 5.44 W/kg = 7.36 dBW/kg

20150430\_SystemPerformanceCheck-D1900V2 SN 5d199

Frequency: 1900 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) = 2.45 W/kg



**20150429\_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:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.914 \text{ S/m}$ ;  $\epsilon_r = 42.091$ ;  $\rho = 1000 \text{ kg/m}^3$

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: 2014-08-27
- Probe: EX3DV4 - SN7323; ConvF(10.07, 10.07, 10.07); Calibrated: 2014-12-05;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM Phantom CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1846

**Head/Pin=100 mW/Area Scan (61x61x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Reference Value = 36.77 V/m; Power Drift = -0.00 dB

**Fast SAR: SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.690 W/kg**

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

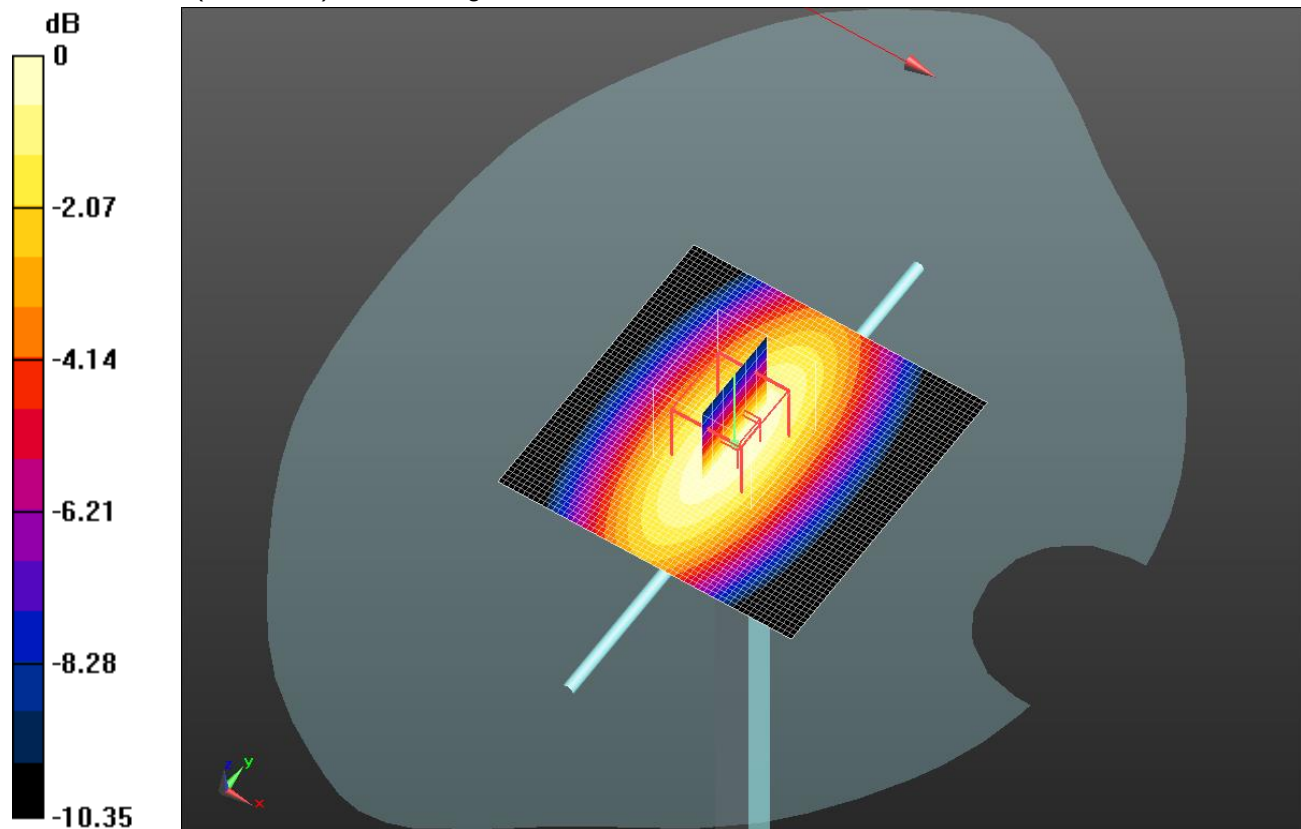
**Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 36.77 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.48 W/kg

**SAR(1 g) = 1.000 W/kg; SAR(10 g) = 0.658 W/kg**

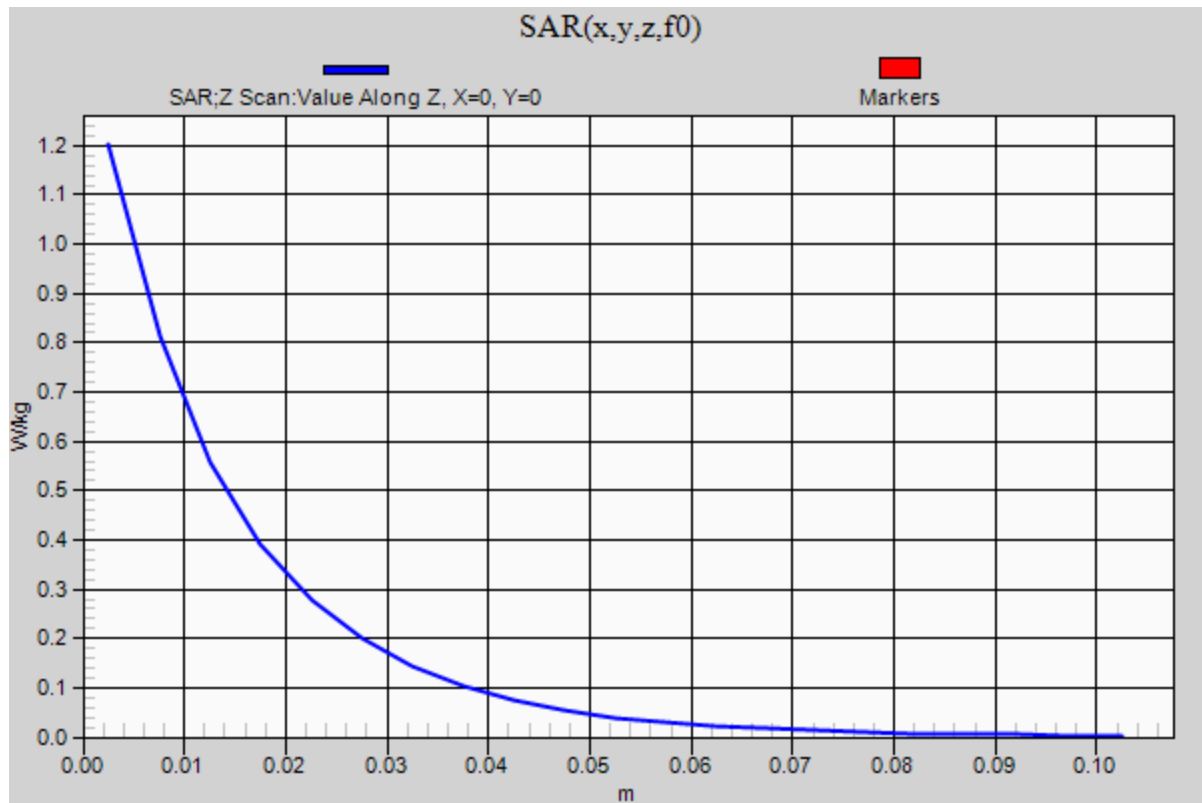
Maximum value of SAR (measured) = 1.22 W/kg



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

**20150429\_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) = 1.20 W/kg

**20150510\_SystemPerformanceCheck-D2600V2 SN 1097**

Frequency: 2600 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2600$  MHz;  $\sigma = 2.195$  S/m;  $\epsilon_r = 51.328$ ;  $\rho = 1000$  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(7.05, 7.05, 7.05); Calibrated: 2014-12-05;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI Phantom v5.0; Type: QDOVA002AA; Serial: TP:2005

**Body/Pin=100 mW/Area Scan (71x71x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Reference Value = 57.88 V/m; Power Drift = 0.06 dB

**Fast SAR: SAR(1 g) = 5.77 W/kg; SAR(10 g) = 2.51 W/kg**

Maximum value of SAR (interpolated) = 8.34 W/kg

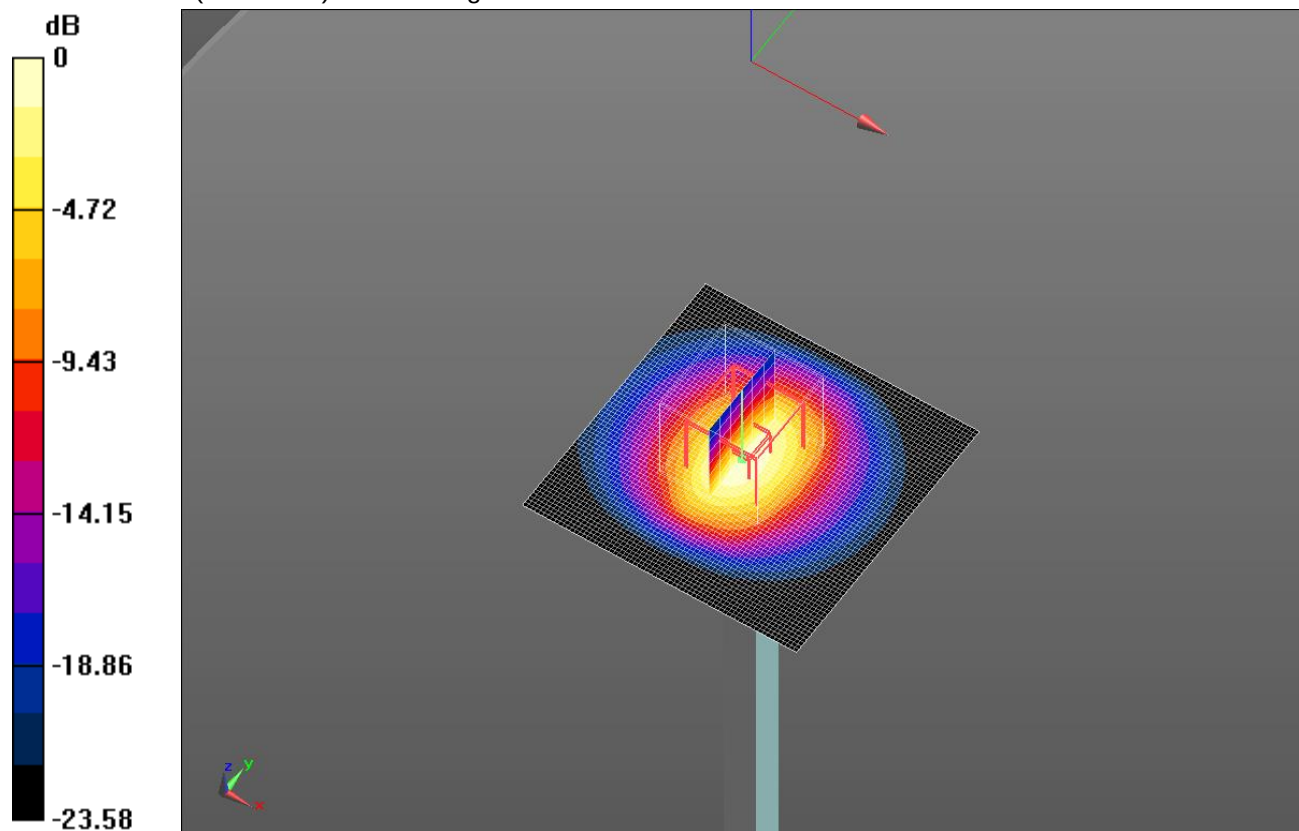
**Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 57.88 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 12.1 W/kg

**SAR(1 g) = 5.62 W/kg; SAR(10 g) = 2.49 W/kg**

Maximum value of SAR (measured) = 8.15 W/kg



0 dB = 8.15 W/kg = 9.11 dBW/kg

20150510\_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) = 7.26 W/kg

