

**20151116\_SystemPerformanceCheck-D5GHzV2 SN 1184**

Frequency: 5600 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.914$  S/m;  $\epsilon_r = 48.33$ ;  $\rho = 1000$  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: 2015-09-23
- Probe: EX3DV4 - SN7314; ConvF(3.6, 3.6, 3.6); Calibrated: 2015-09-25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2013

**Body/5.6 GHz, Pin=100mW/Area Scan (7x7x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 19.7 W/kg

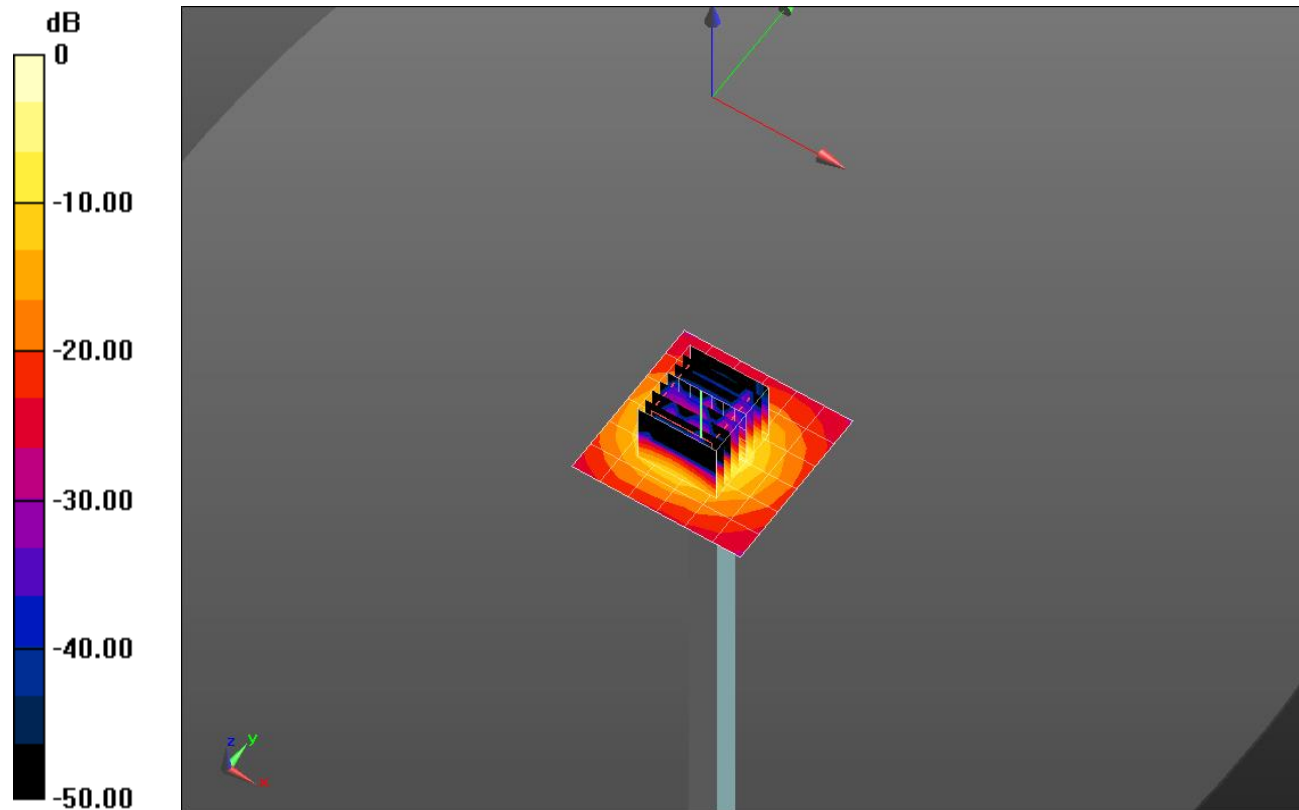
**Body/5.6 GHz, Pin=100mW/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 53.90 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 34.7 W/kg

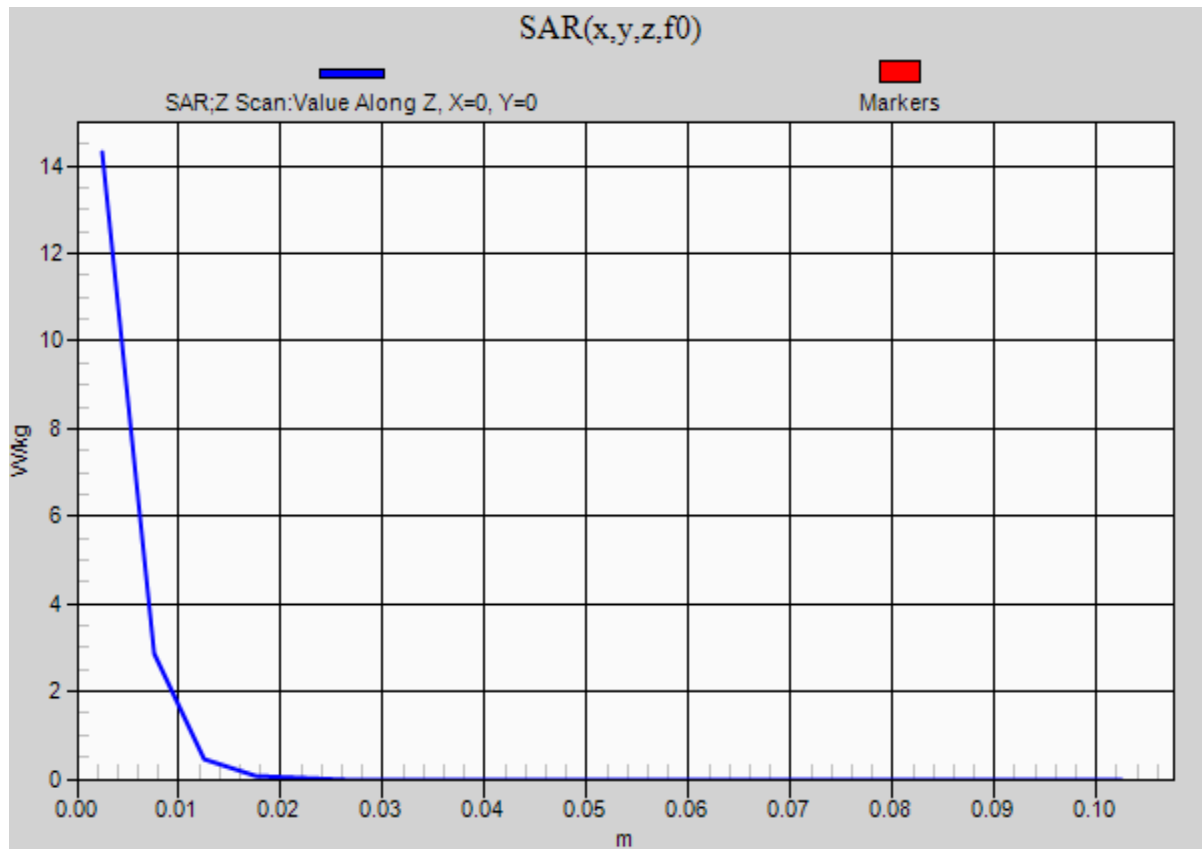
**SAR(1 g) = 8.63 W/kg; SAR(10 g) = 2.4 W/kg**

Maximum value of SAR (measured) = 21.4 W/kg



**20151116\_SystemPerformanceCheck-D5GHzV2 SN 1184**

Frequency: 5600 MHz; Duty Cycle: 1:1

**Body/5.6 GHz, Pin=100mW /Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 14.3 W/kg

**20151118\_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:  $f = 2450$  MHz;  $\sigma = 1.861$  S/m;  $\epsilon_r = 37.778$ ;  $\rho = 1000$  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: 2015-09-23
- Probe: EX3DV4 - SN7314; ConvF(7.18, 7.18, 7.18); Calibrated: 2015-09-25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:xxxx

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

Maximum value of SAR (measured) = 5.52 W/kg

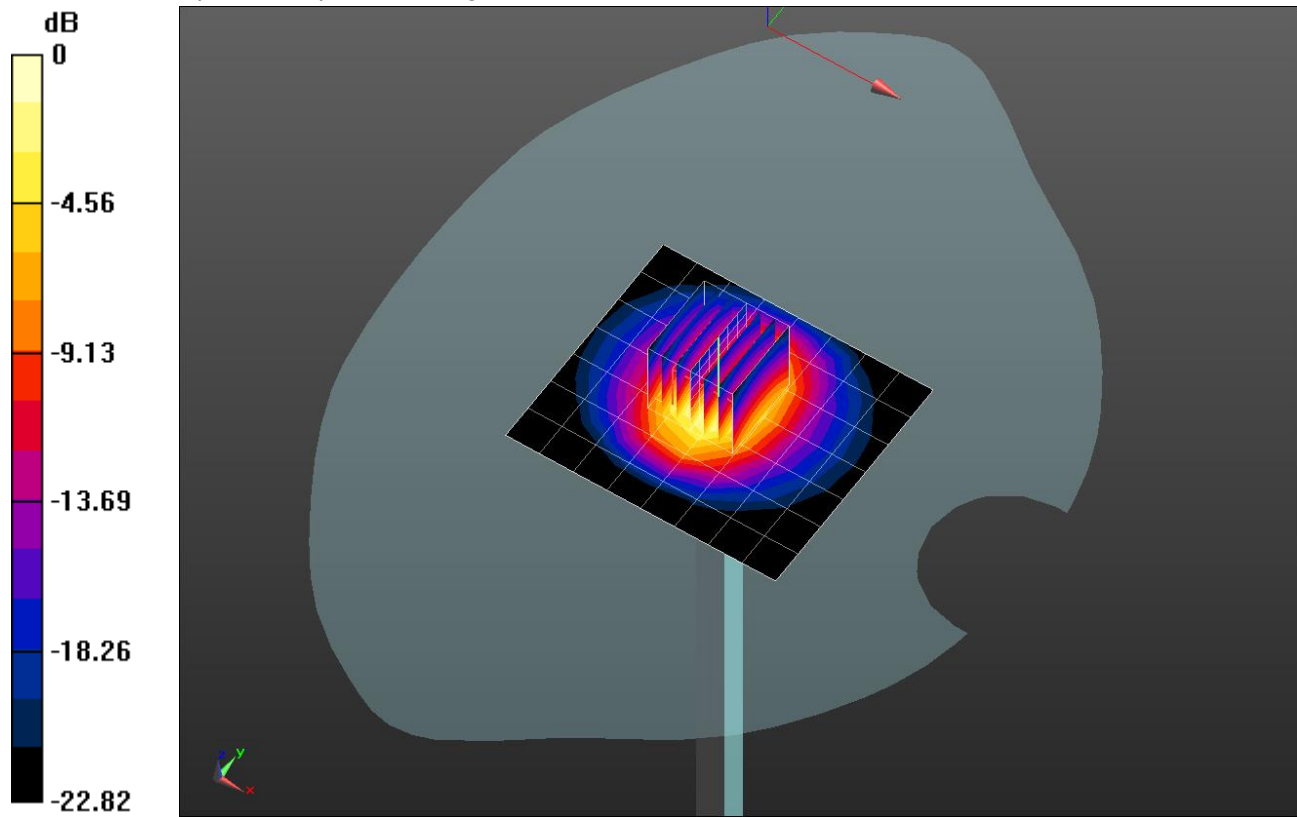
**Head/Pin=100 mW 2 2/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 65.47 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 11.2 W/kg

**SAR(1 g) = 5.22 W/kg; SAR(10 g) = 2.41 W/kg**

Maximum value of SAR (measured) = 5.92 W/kg

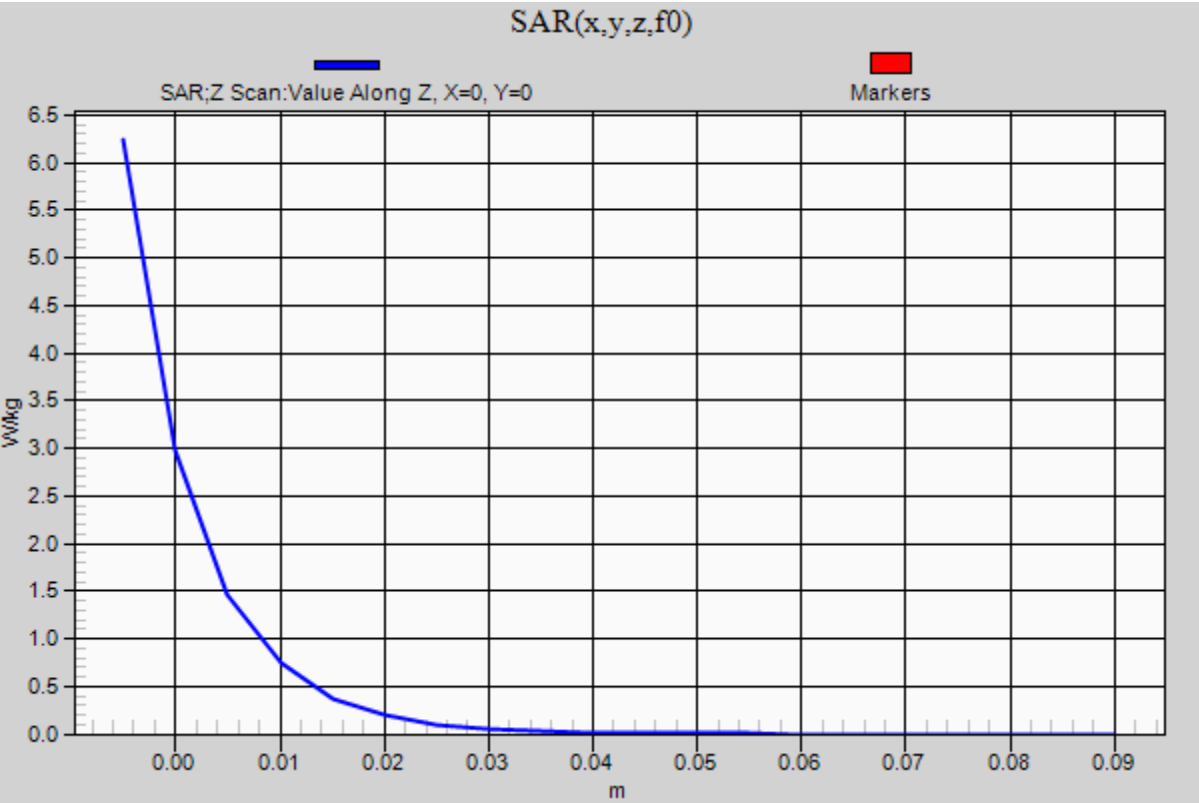


0 dB = 5.92 W/kg = 7.72 dBW/kg

20151118\_SystemPerformanceCheck-D2450V2 SN 960

Frequency: 2450 MHz; Duty Cycle: 1:1

Head/Pin=100 mW 2 2/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 6.24 W/kg



**20151120\_SystemPerformanceCheck-D835V2 SN 4d194**

Frequency: 835 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.904 \text{ S/m}$ ;  $\epsilon_r = 40.661$ ;  $\rho = 1000 \text{ kg/m}^3$

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: 2015-09-15
- Probe: EX3DV4 - SN7376; ConvF(9.99, 9.99, 9.99); Calibrated: 2015-09-02;
- 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 (7x13x1):** Measurement grid: dx=15mm, dy=15mm

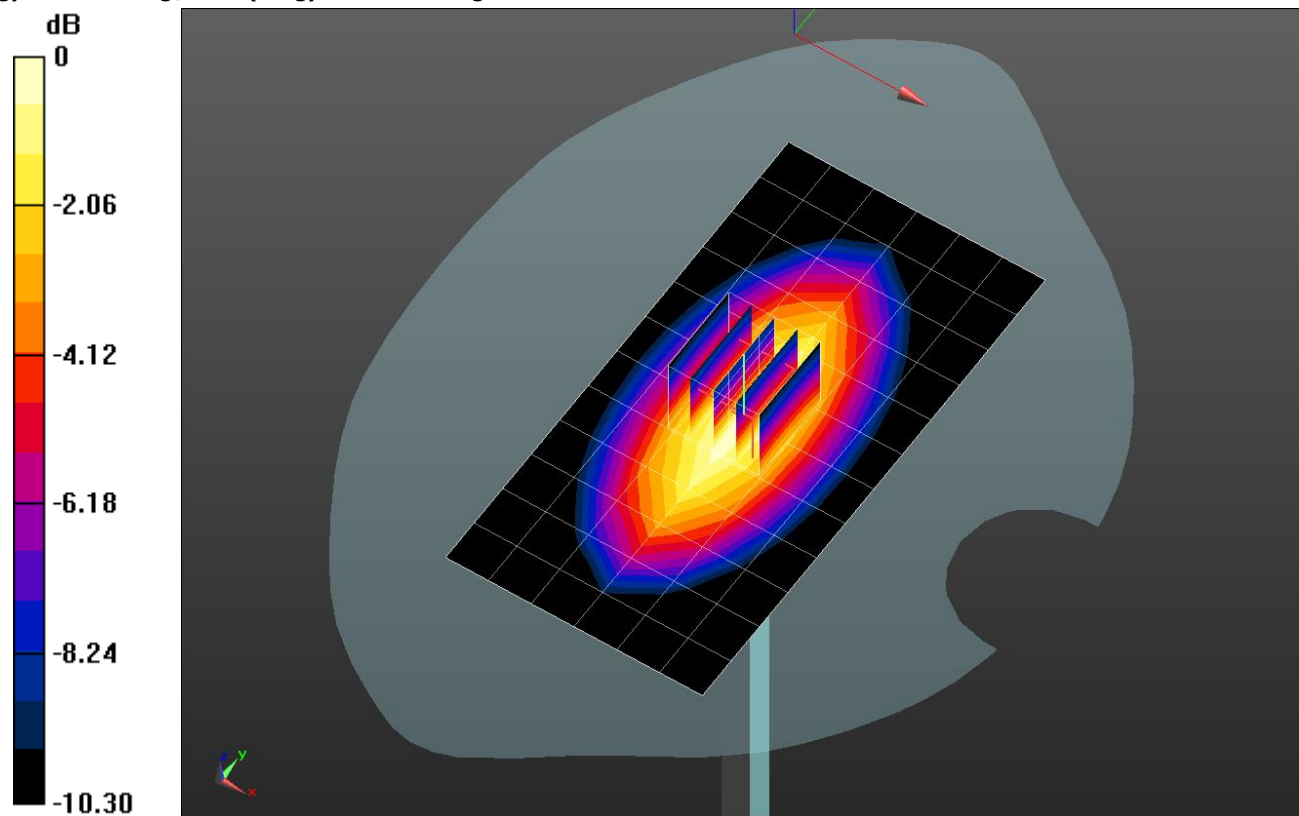
Maximum value of SAR (measured) = 1.26 W/kg

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

Reference Value = 38.03 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.45 W/kg

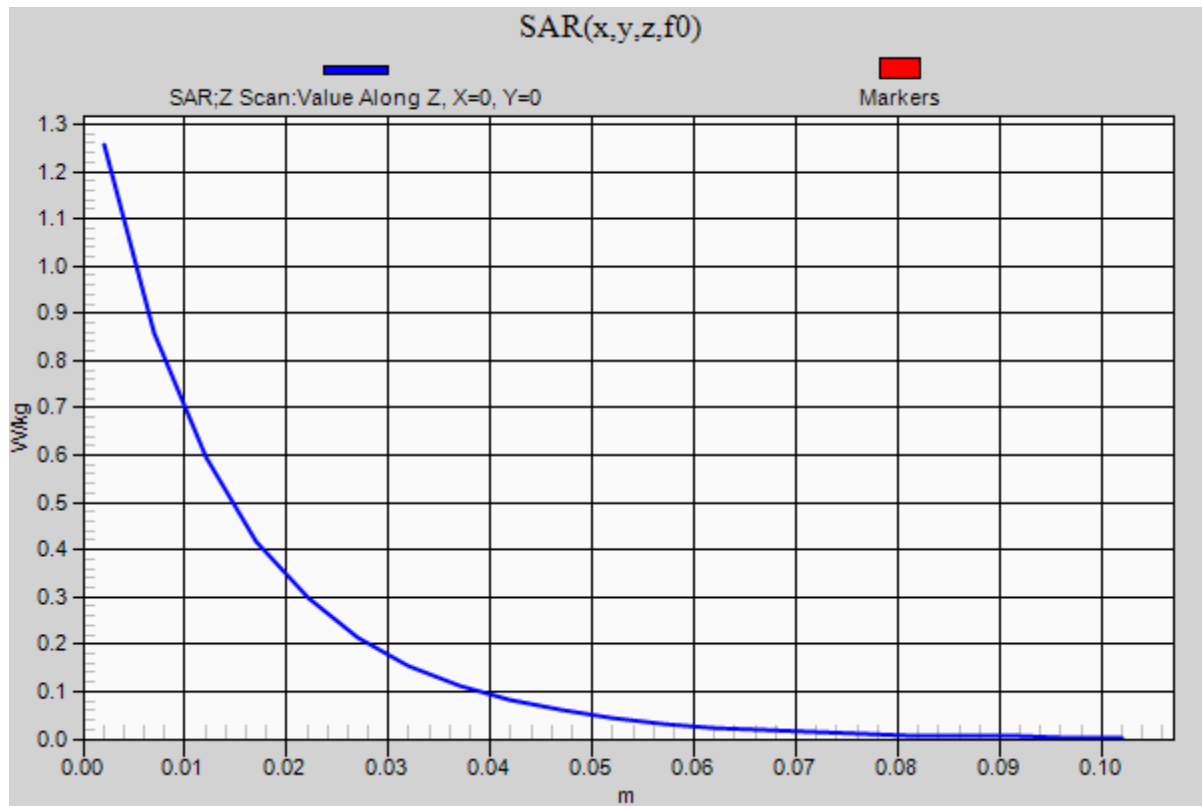
**SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.668 W/kg**



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

**20151120\_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) = 1.26 W/kg

**20151124\_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;  $\sigma = 1.579$  S/m;  $\epsilon_r = 51.592$ ;  $\rho = 1000$  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 Sn1468; Calibrated: 2015-09-15
- Probe: EX3DV4 - SN7376; ConvF(7.72, 7.72, 7.72); Calibrated: 2015-09-02;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1167

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

Maximum value of SAR (measured) = 6.23 W/kg

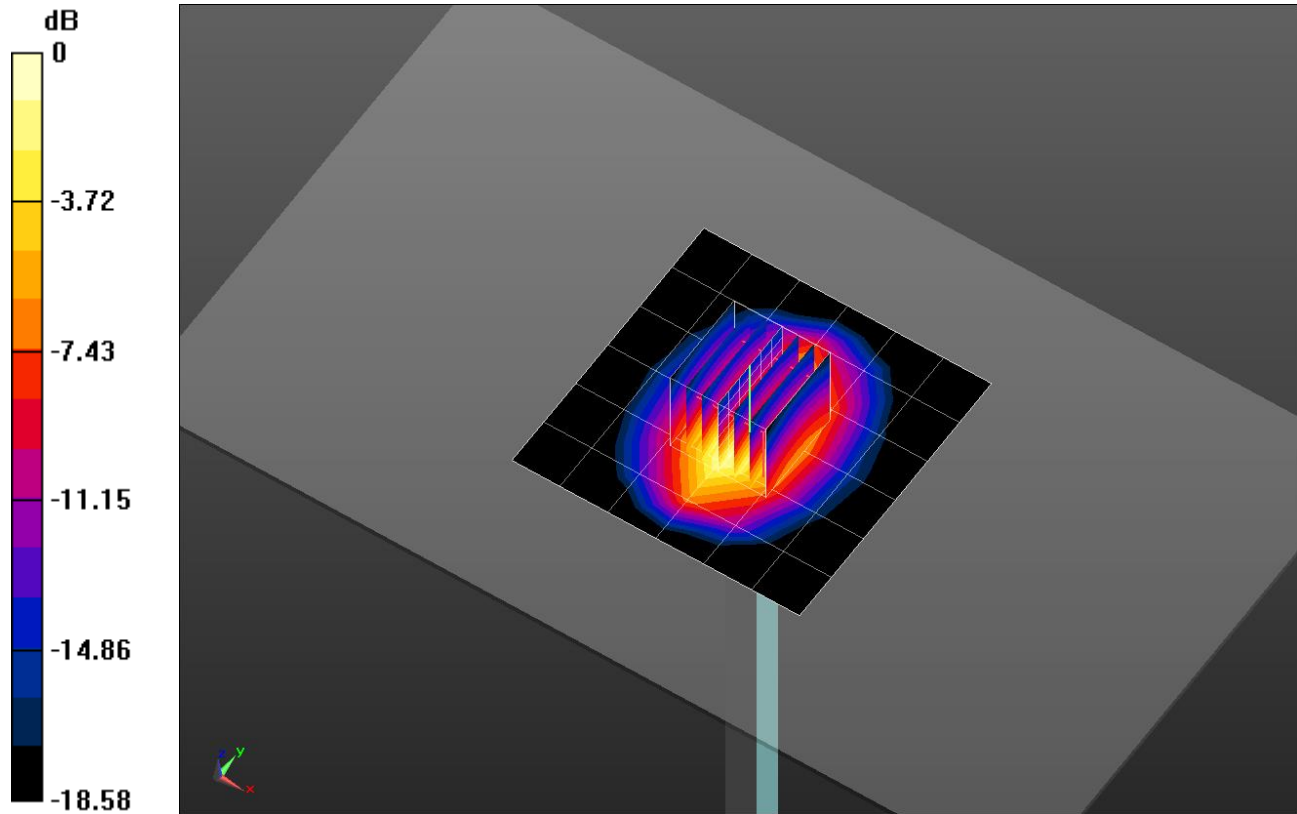
**Body/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 61.21 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 8.31 W/kg

**SAR(1 g) = 4.37 W/kg; SAR(10 g) = 2.22 W/kg**

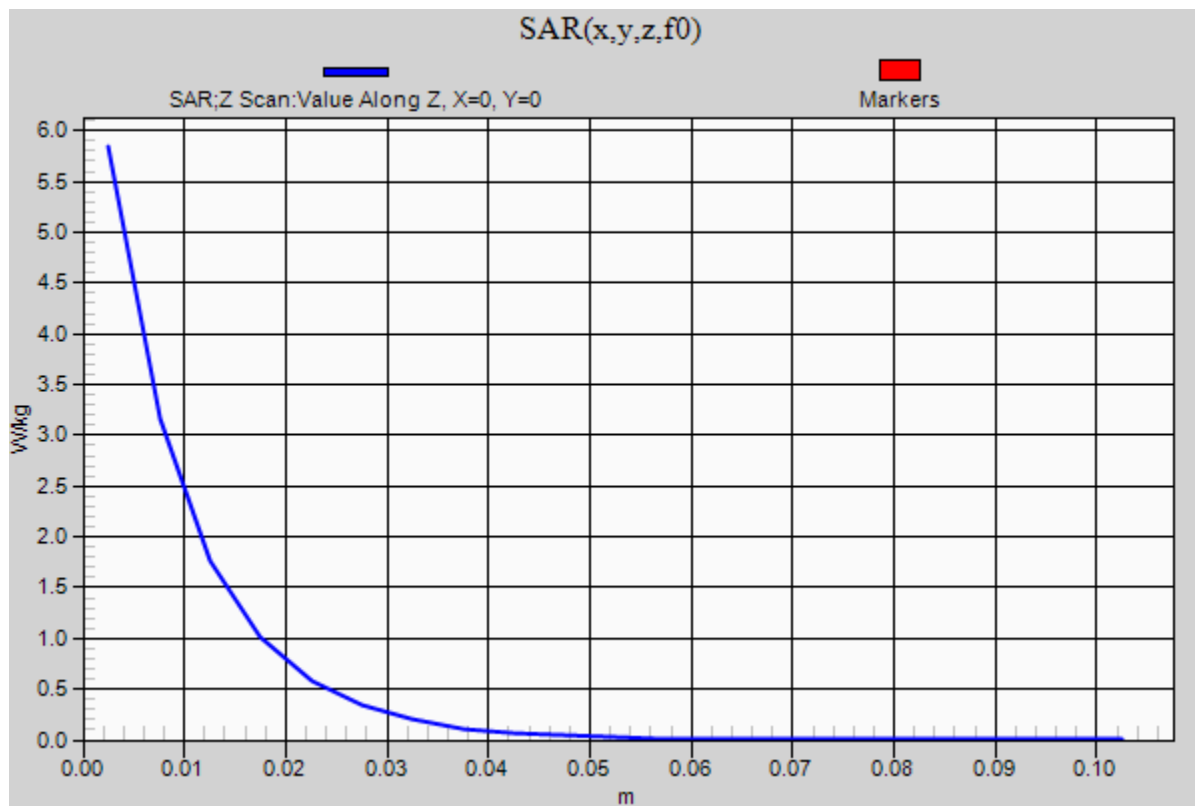
Maximum value of SAR (measured) = 6.40 W/kg



0 dB = 6.40 W/kg = 8.06 dBW/kg

**20151124\_SystemPerformanceCheck-D1900V2 SN 5d199**

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) = 5.84 W/kg

**20151103\_SystemPerformanceCheck-D750V2 SN 1122**

Frequency: 750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 750$  MHz;  $\sigma = 0.963$  S/m;  $\epsilon_r = 56.168$ ;  $\rho = 1000$  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 Sn1446; Calibrated: 2015-08-17
- Probe: EX3DV4 - SN7330; ConvF(9.46, 9.46, 9.46); Calibrated: 2015-02-12;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1167

**Body/Pin=100 mW 2 2/Area Scan (7x14x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.05 W/kg

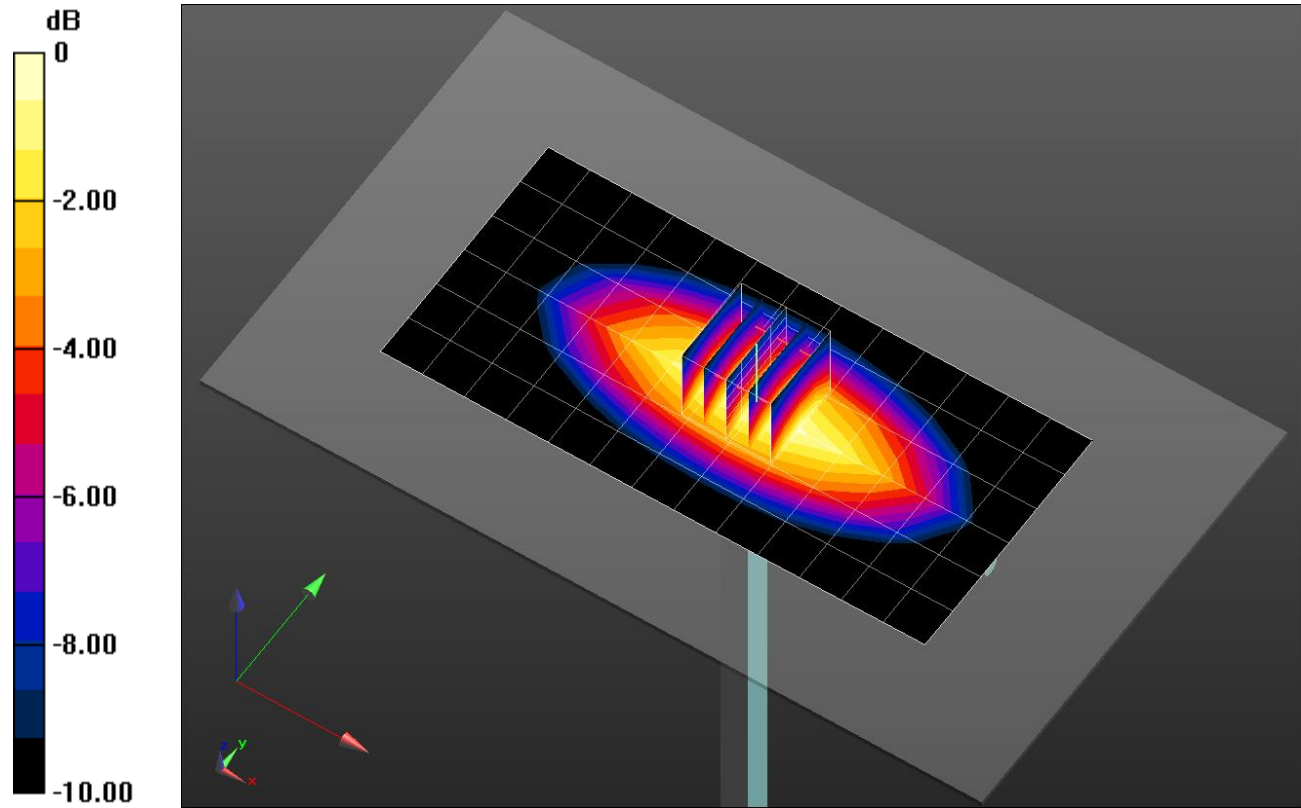
**Body/Pin=100 mW 2 2/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.92 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.33 W/kg

**SAR(1 g) = 0.912 W/kg; SAR(10 g) = 0.608 W/kg**

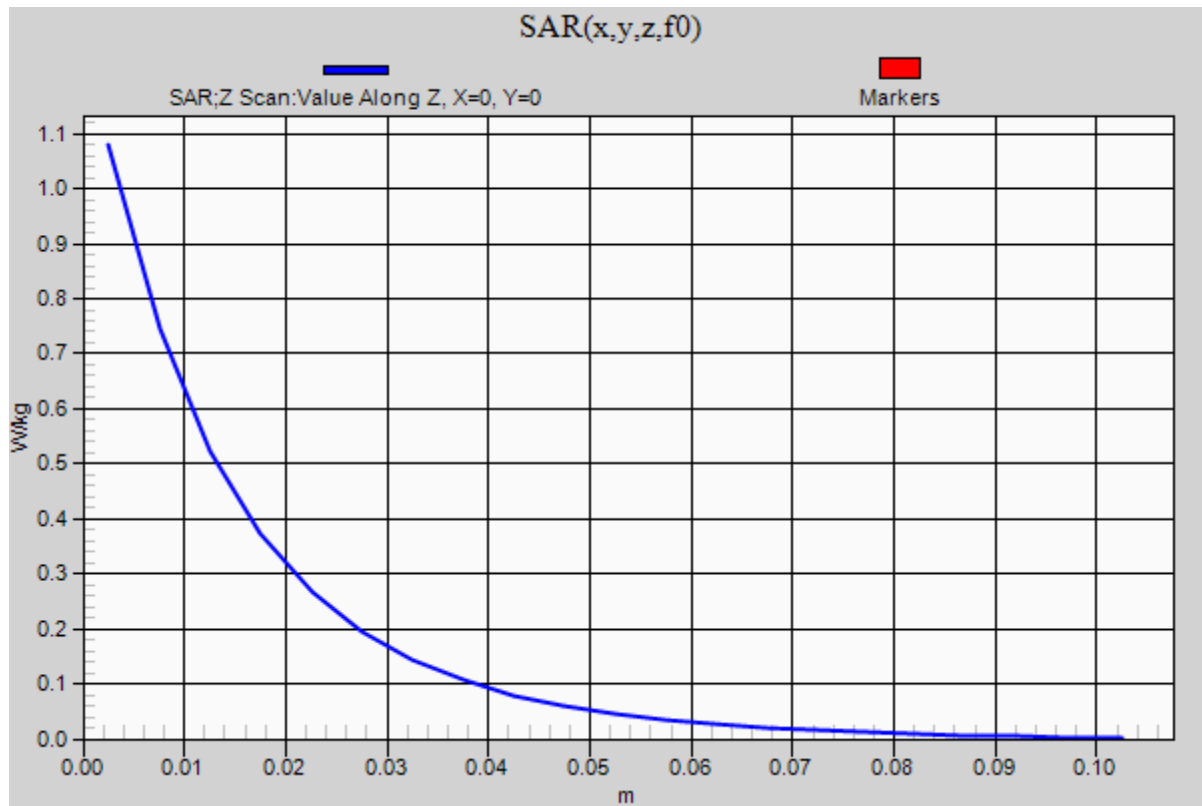
Maximum value of SAR (measured) = 1.10 W/kg



0 dB = 1.10 W/kg = 0.41 dBW/kg

**20151103\_SystemPerformanceCheck-D750V2 SN 1122**

Frequency: 750 MHz; Duty Cycle: 1:1

**Body/Pin=100 mW 2 2/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 1.08 W/kg

**20151121\_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;  $\sigma = 1.426$  S/m;  $\epsilon_r = 38.949$ ;  $\rho = 1000$  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 Sn1446; Calibrated: 2015-08-17
- Probe: EX3DV4 - SN7330; ConvF(8.07, 8.07, 8.07); Calibrated: 2015-02-12;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: SAM Phantom CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1855

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

Maximum value of SAR (measured) = 4.88 W/kg

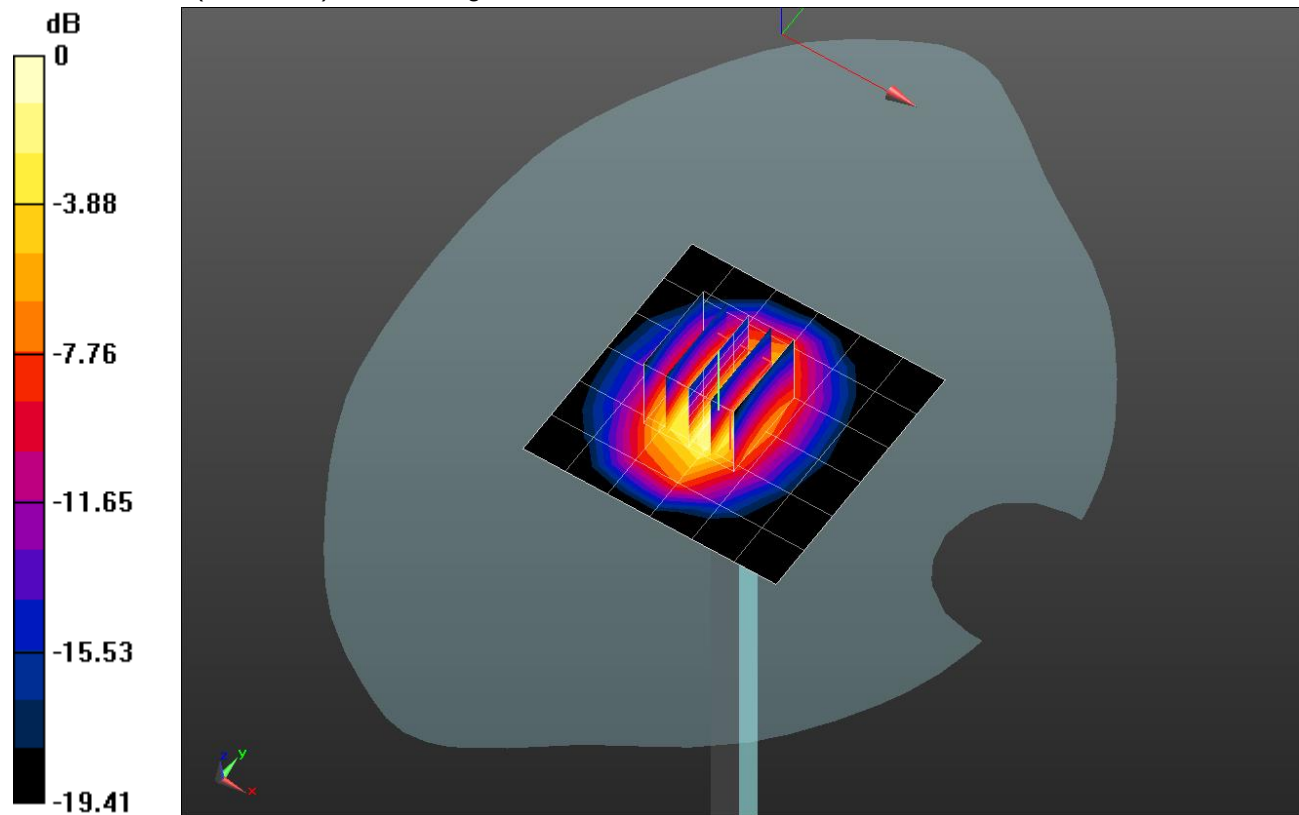
**Head/Pin=100 mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 59.85 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 7.46 W/kg

**SAR(1 g) = 3.89 W/kg; SAR(10 g) = 1.98 W/kg**

Maximum value of SAR (measured) = 5.71 W/kg

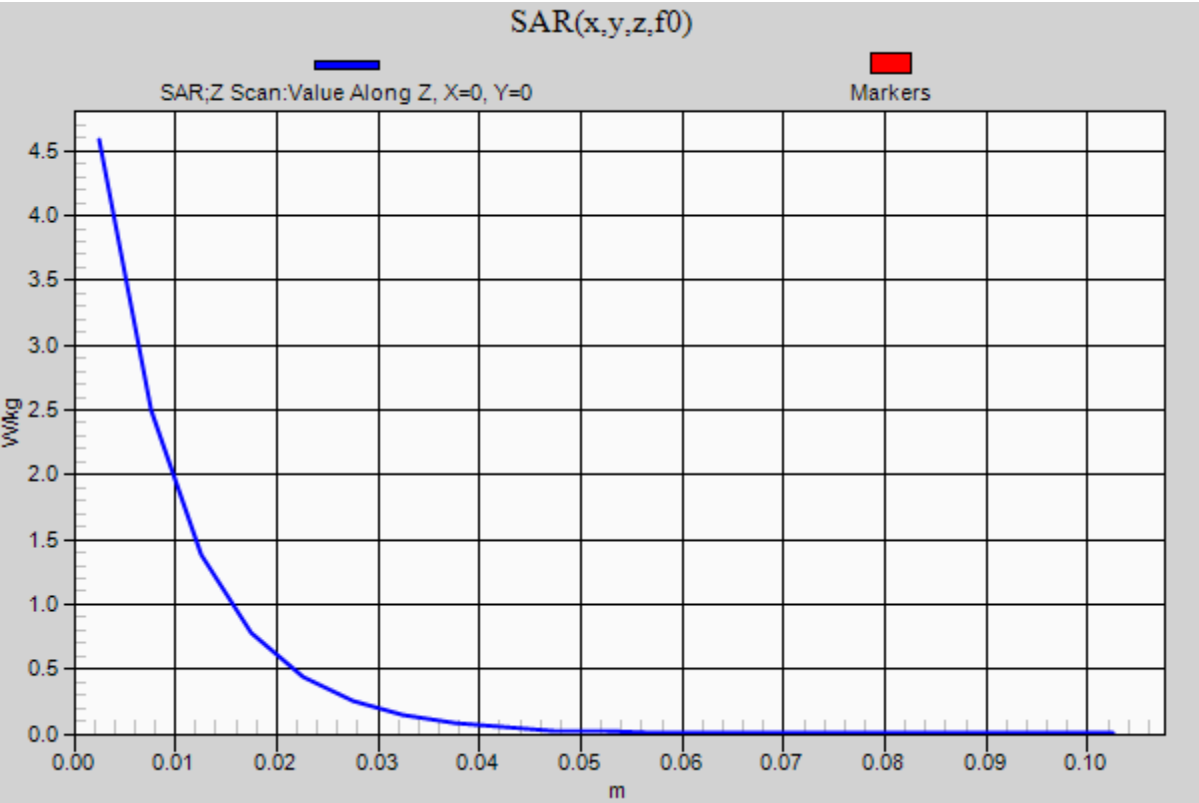


0 dB = 5.71 W/kg = 7.57 dBW/kg

20151121\_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) = 4.58 W/kg



**20151203\_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;  $\sigma = 1.558$  S/m;  $\epsilon_r = 51.206$ ;  $\rho = 1000$  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: 2015-08-17
- Probe: EX3DV4 - SN7330; ConvF(7.82, 7.82, 7.82); Calibrated: 2015-02-12;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2001

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

Maximum value of SAR (measured) = 5.63 W/kg

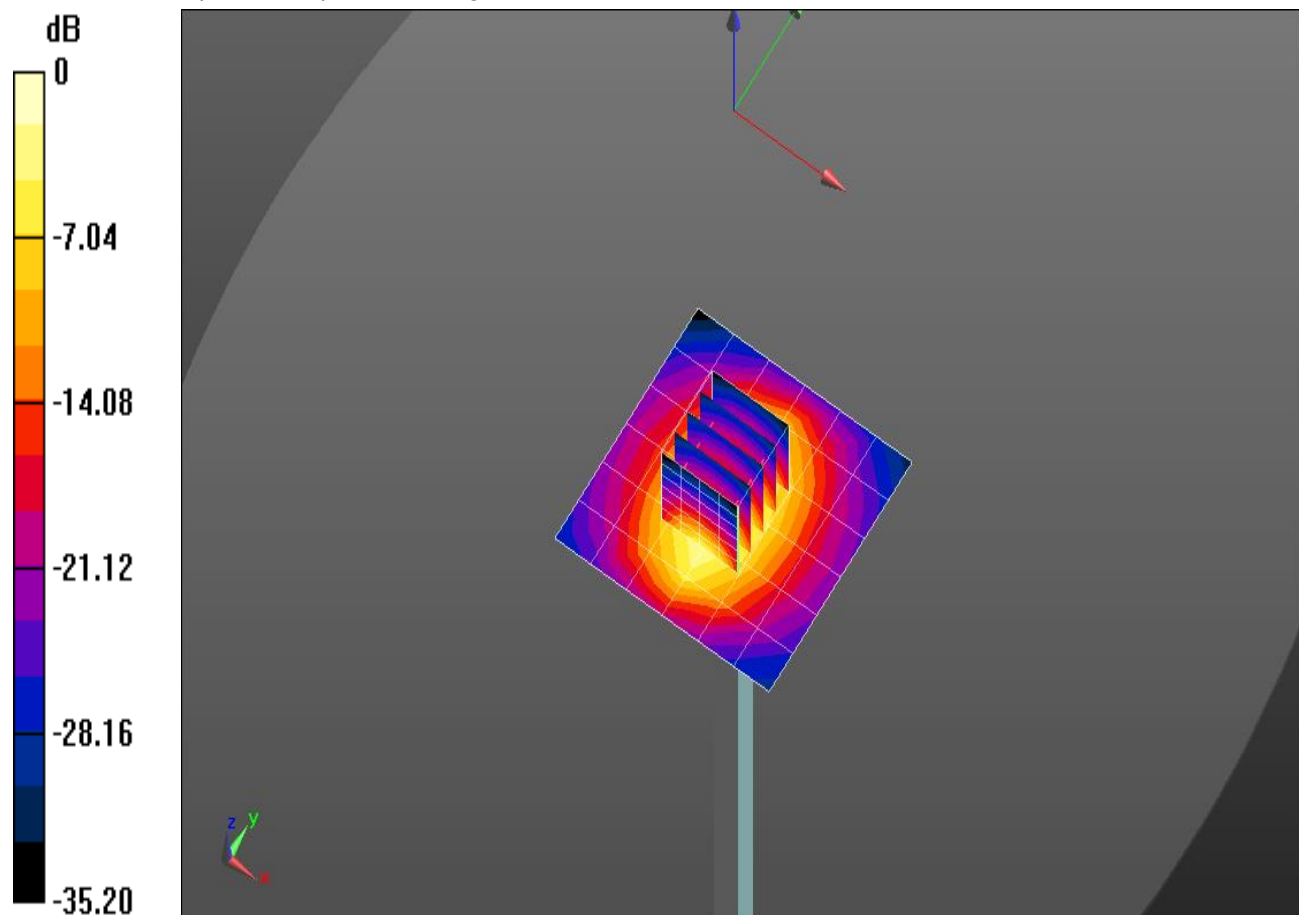
**Body/Pin=100 mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 61.36 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 7.44 W/kg

**SAR(1 g) = 3.93 W/kg; SAR(10 g) = 1.99 W/kg**

Maximum value of SAR (measured) = 5.77 W/kg



0 dB = 5.63 W/kg = 7.50 dBW/kg

**20151203\_SystemPerformanceCheck-D1900V2 SN 5d199**

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) = 5.29 W/kg