

**20200113\_SystemPerformanceCheck-D835V2 SN 4d174**

Frequency: 835 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.896 \text{ S/m}$ ;  $\epsilon_r = 42.049$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1494; Calibrated: 2019-07-18
- Probe: EX3DV4 - SN7376; ConvF(10.3, 10.3, 10.3) @ 835 MHz; Calibrated: 2019-09-27
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0\_Front; Type: QD000P40CD; Serial: TP:1877

**Head/Pin=100 mW/Area Scan (7x13x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 1.17 W/kg

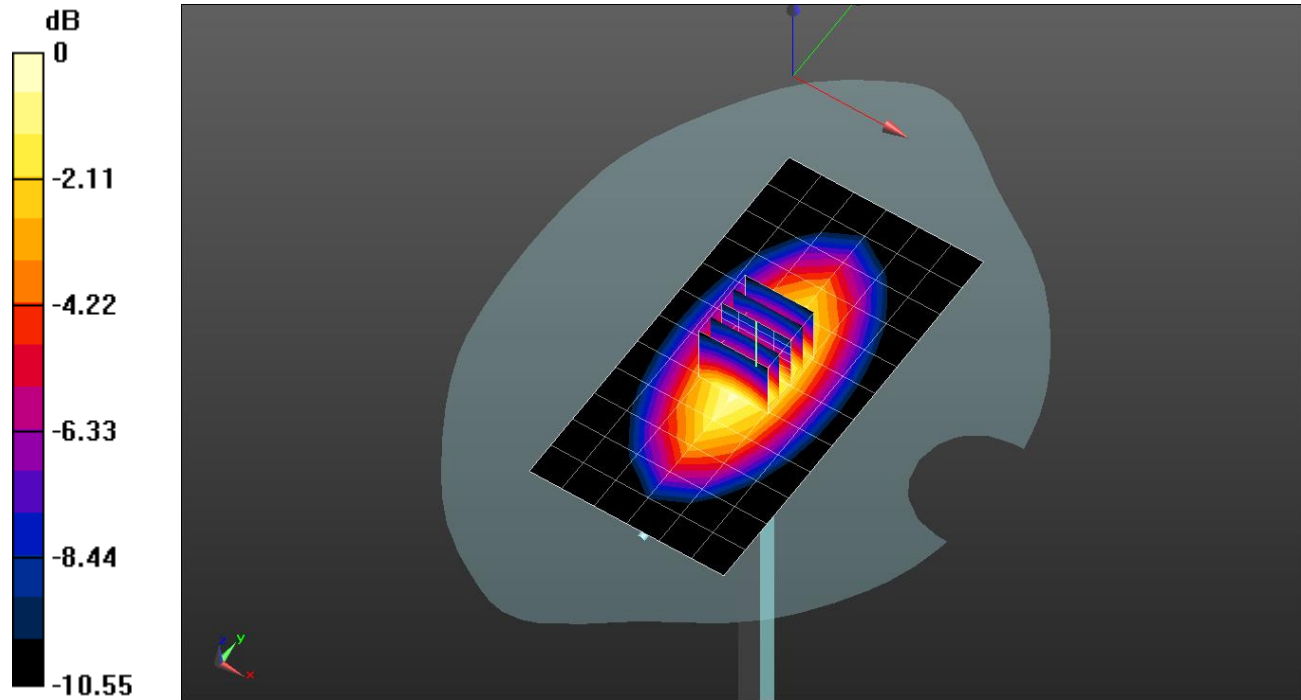
**Head/Pin=100 mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 36.55 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.43 W/kg

**SAR(1 g) = 0.954 W/kg; SAR(10 g) = 0.628 W/kg**

Maximum value of SAR (measured) = 1.16 W/kg



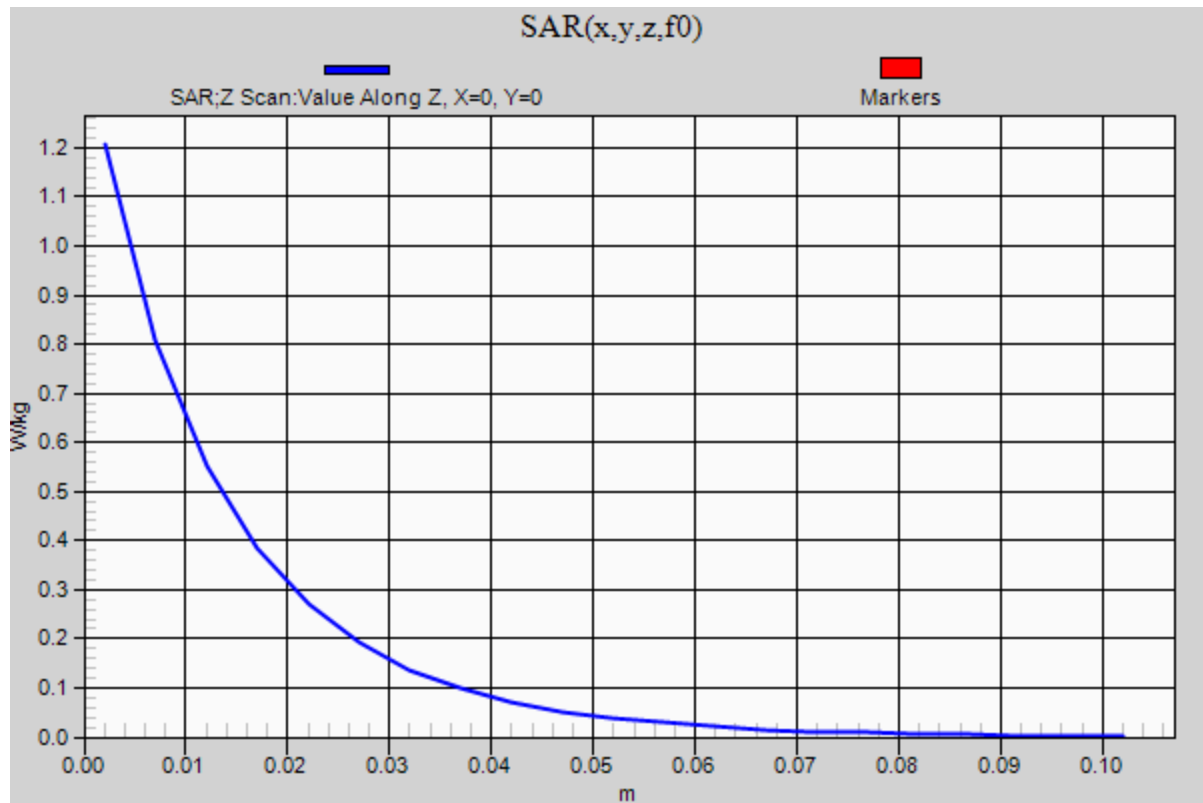
0 dB = 1.16 W/kg = 0.64 dBW/kg

**20200113\_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) = 1.21 W/kg



**20200108\_SystemPerformanceCheck-D750V3 SN 1122**

Frequency: 750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
Medium parameters used:  $f = 750$  MHz;  $\sigma = 0.909$  S/m;  $\epsilon_r = 41.664$ ;  $\rho = 1000$  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: 2019-09-20
- Probe: EX3DV4 - SN7314; ConvF(9.91, 9.91, 9.91) @ 750 MHz; Calibrated: 2019-08-29
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

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

Maximum value of SAR (measured) = 1.03 W/kg

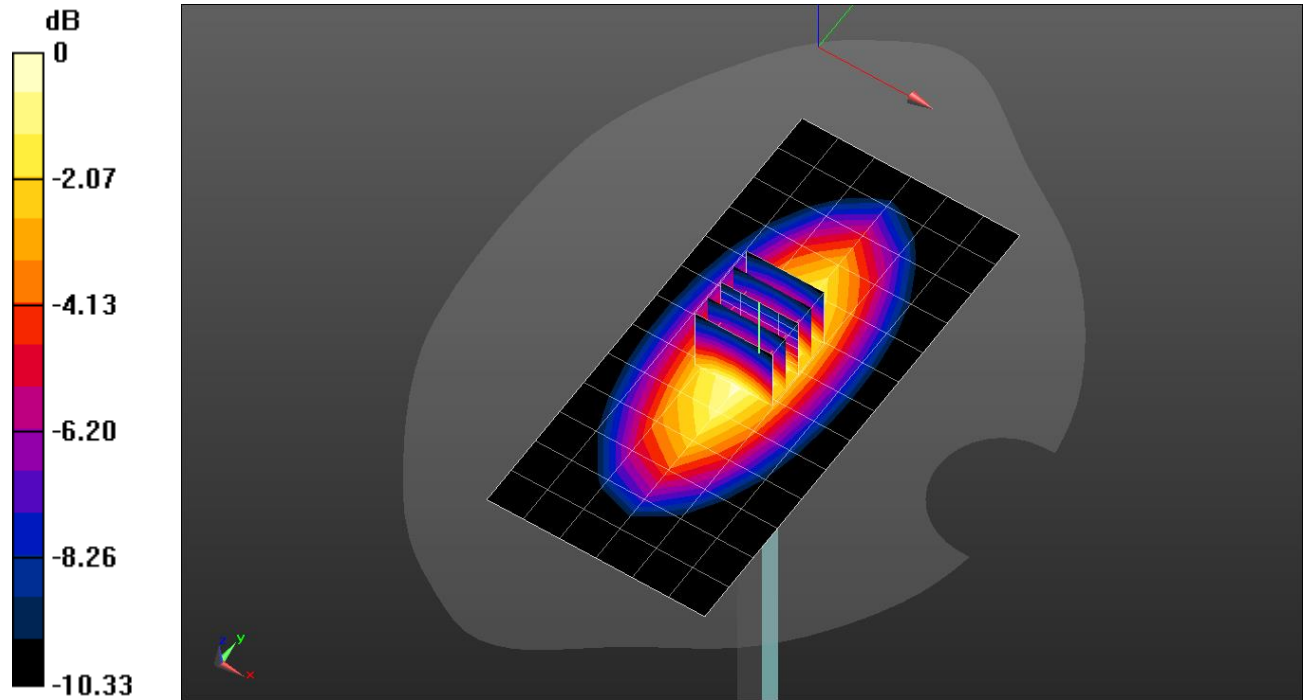
**Head/Pin=100 mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.09 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.27 W/kg

**SAR(1 g) = 0.854 W/kg; SAR(10 g) = 0.565 W/kg**

Maximum value of SAR (measured) = 1.04 W/kg



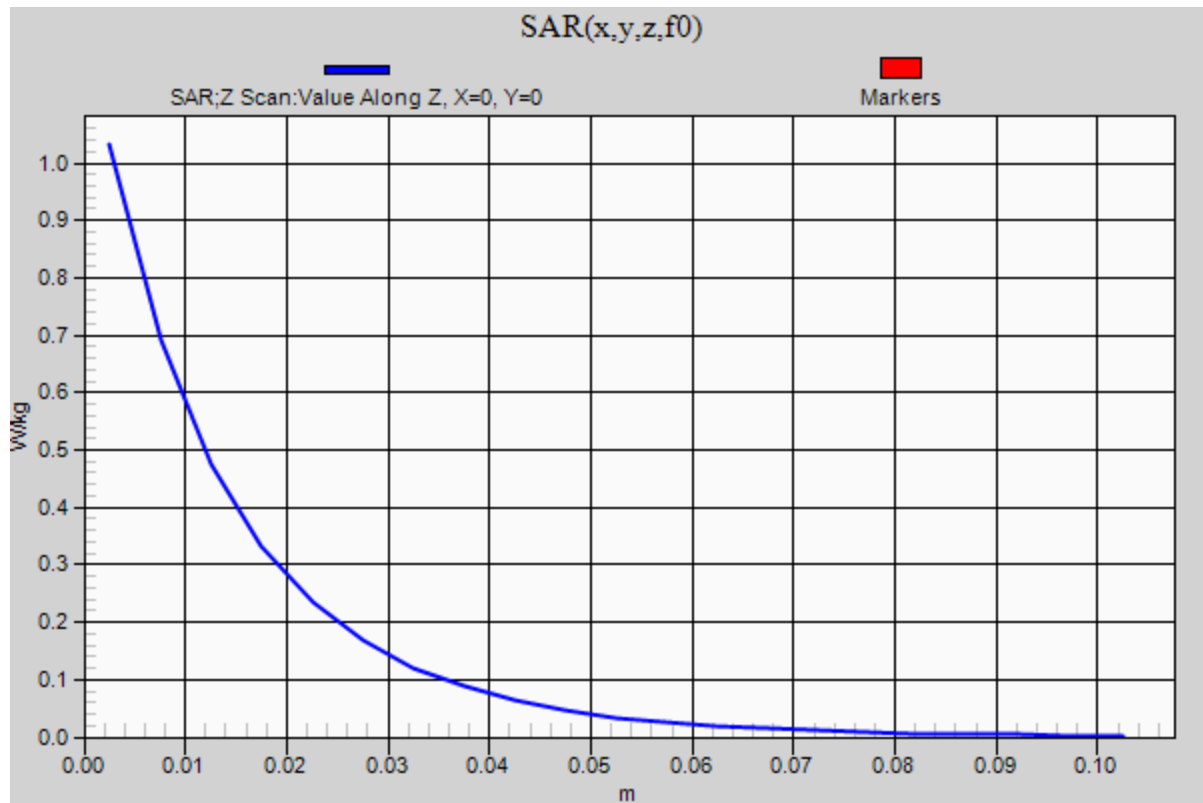
0 dB = 1.04 W/kg = 0.17 dBW/kg

**20200108\_SystemPerformanceCheck-D750V3 SN 1122**

Frequency: 750 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) = 1.03 W/kg



**20200113\_SystemPerformanceCheck-D2450V2 SN 939**

Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
Medium parameters used (interpolated):  $f = 2450$  MHz;  $\sigma = 1.817$  S/m;  $\epsilon_r = 38.166$ ;  $\rho = 1000$  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: 2019-09-20
- Probe: EX3DV4 - SN7314; ConvF(7.33, 7.33, 7.33) @ 2450 MHz; Calibrated: 2019-08-29
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

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

Maximum value of SAR (measured) = 6.20 W/kg

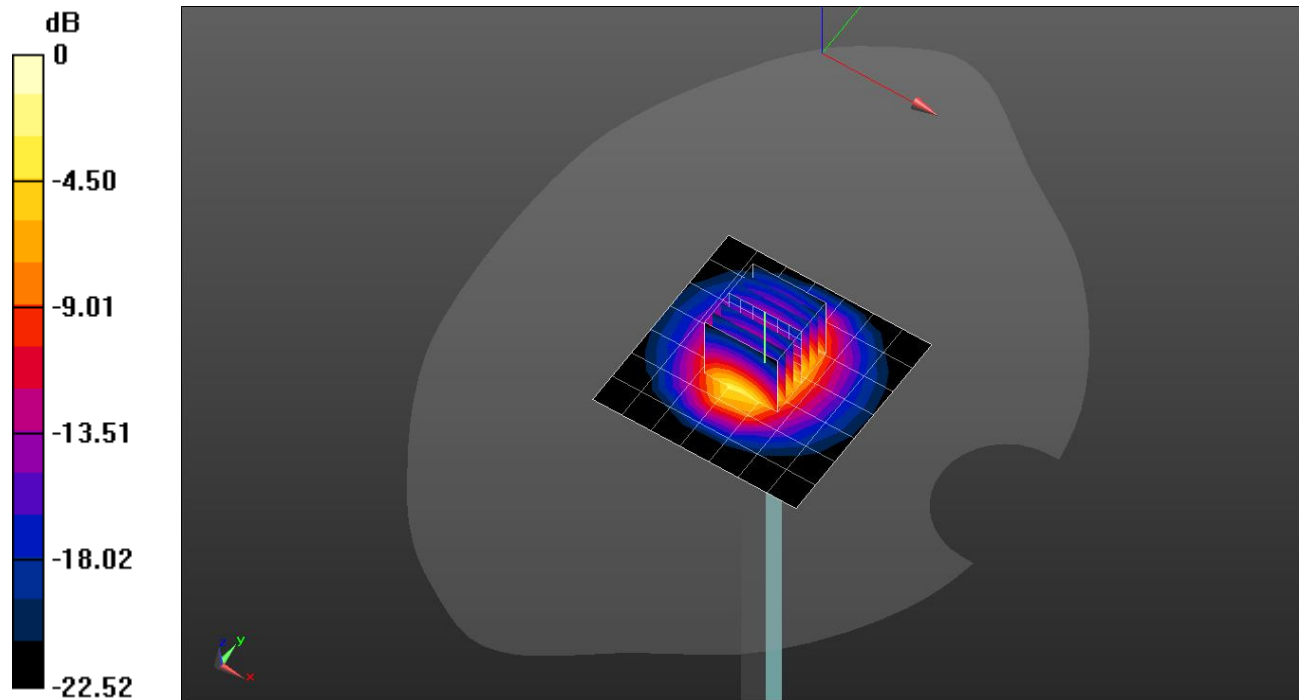
**Head/Pin=100 mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 63.84 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 10.9 W/kg

**SAR(1 g) = 5.17 W/kg; SAR(10 g) = 2.39 W/kg**

Maximum value of SAR (measured) = 7.42 W/kg

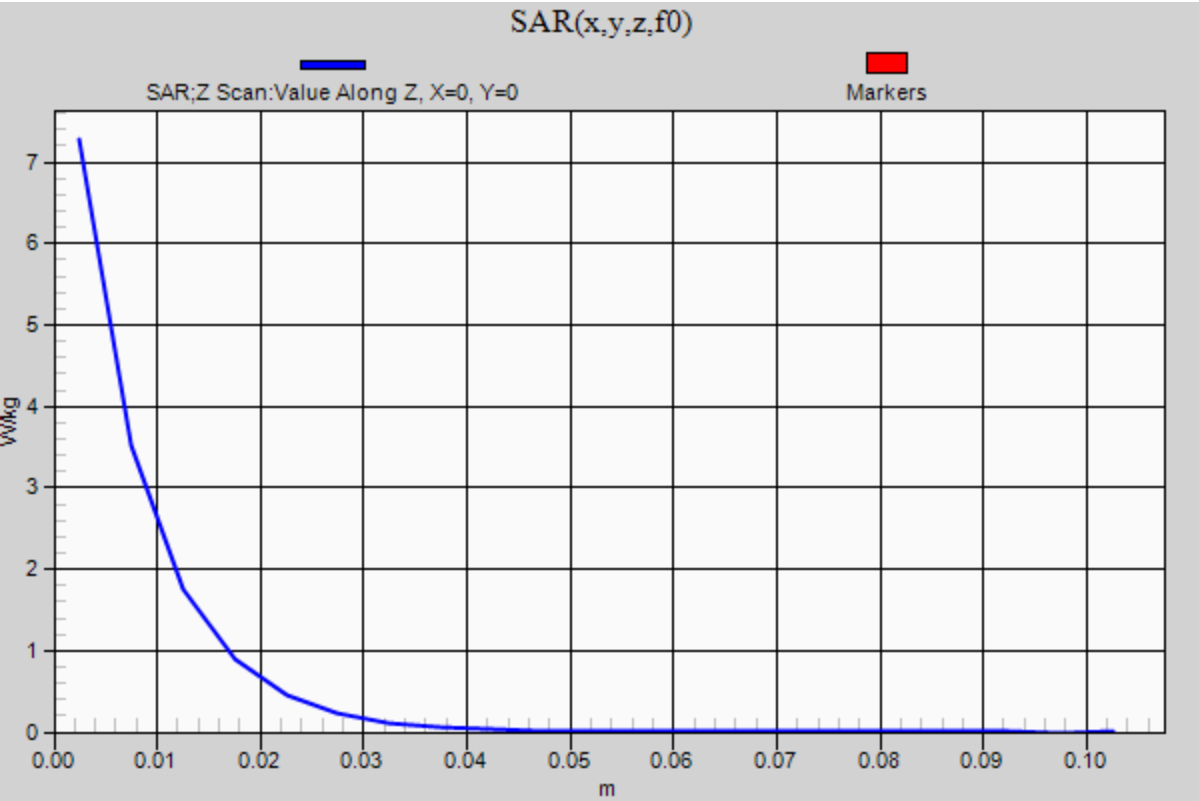


0 dB = 7.42 W/kg = 8.70 dBW/kg

20200113\_SystemPerformanceCheck-D2450V2 SN 939

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) = 7.27 W/kg



**20200108\_SystemPerformanceCheck-D1750V2 SN 1125**

Frequency: 1750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.352$  S/m;  $\epsilon_r = 39.986$ ;  $\rho = 1000$  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 Sn1591; Calibrated: 2019-09-11
- Probe: EX3DV4 - SN7545; ConvF(8.11, 8.11, 8.11) @ 1750 MHz; Calibrated: 2019-09-23
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1989

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

Maximum value of SAR (measured) = 5.03 W/kg

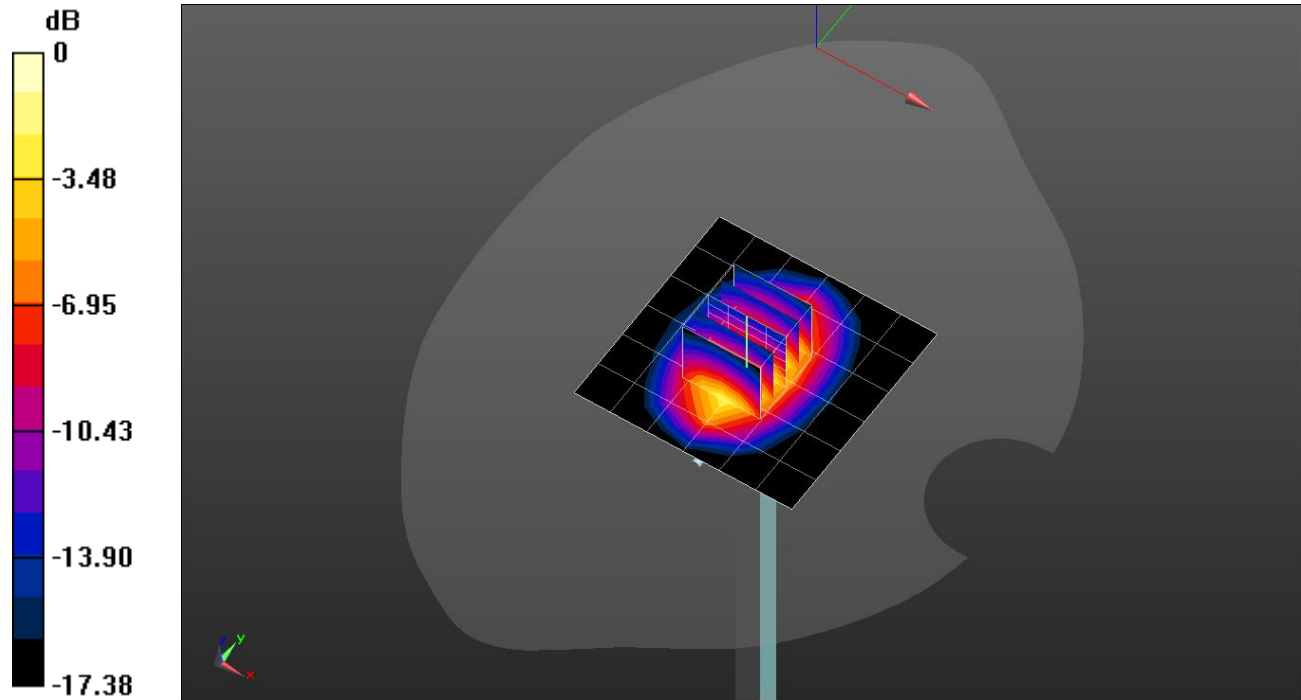
**Head/Pin=100 mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 61.77 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 6.73 W/kg

**SAR(1 g) = 3.73 W/kg; SAR(10 g) = 1.97 W/kg**

Maximum value of SAR (measured) = 4.99 W/kg

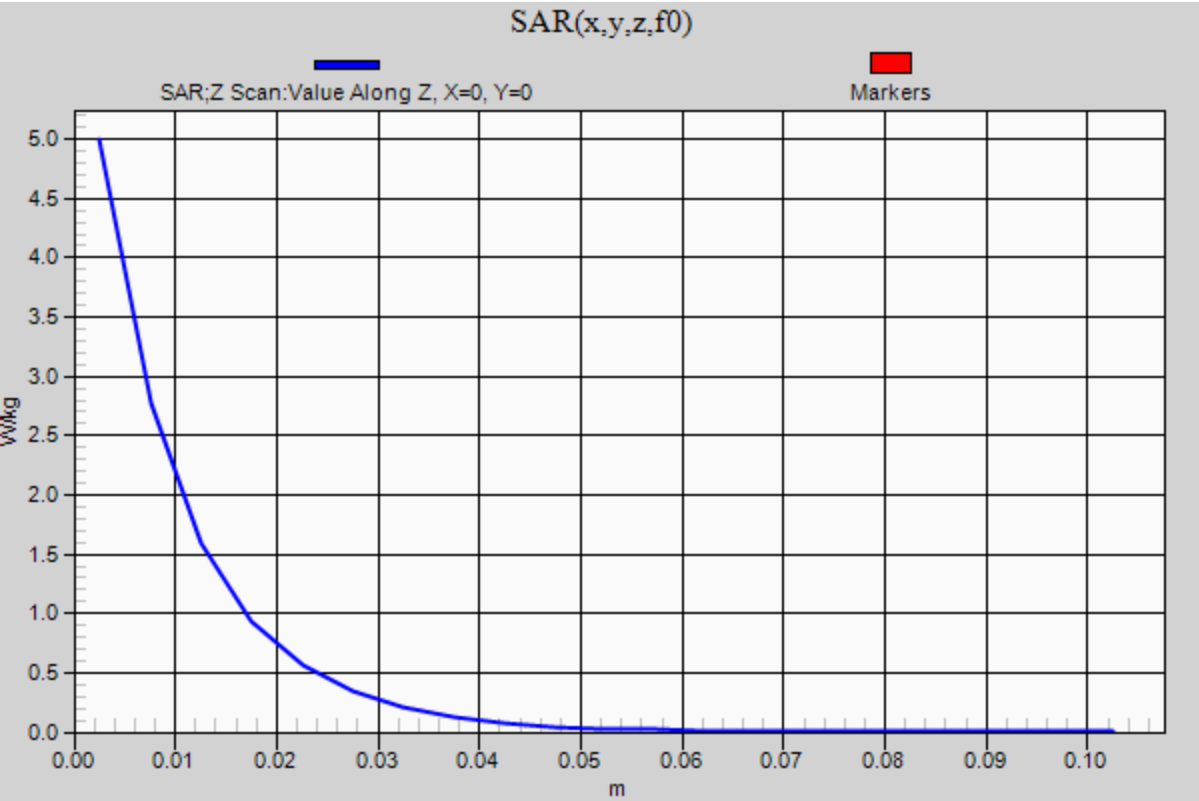


0 dB = 4.99 W/kg = 6.98 dBW/kg

20200108\_SystemPerformanceCheck-D1750V2 SN 1125

Frequency: 1750 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) = 5.00 W/kg



**20200108\_SystemPerformanceCheck-D1900V2 SN 5d190**

Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.446$  S/m;  $\epsilon_r = 39.819$ ;  $\rho = 1000$  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 Sn1591; Calibrated: 2019-09-11
- Probe: EX3DV4 - SN7545; ConvF(7.91, 7.91, 7.91) @ 1900 MHz; Calibrated: 2019-09-23
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1989

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

Maximum value of SAR (measured) = 5.03 W/kg

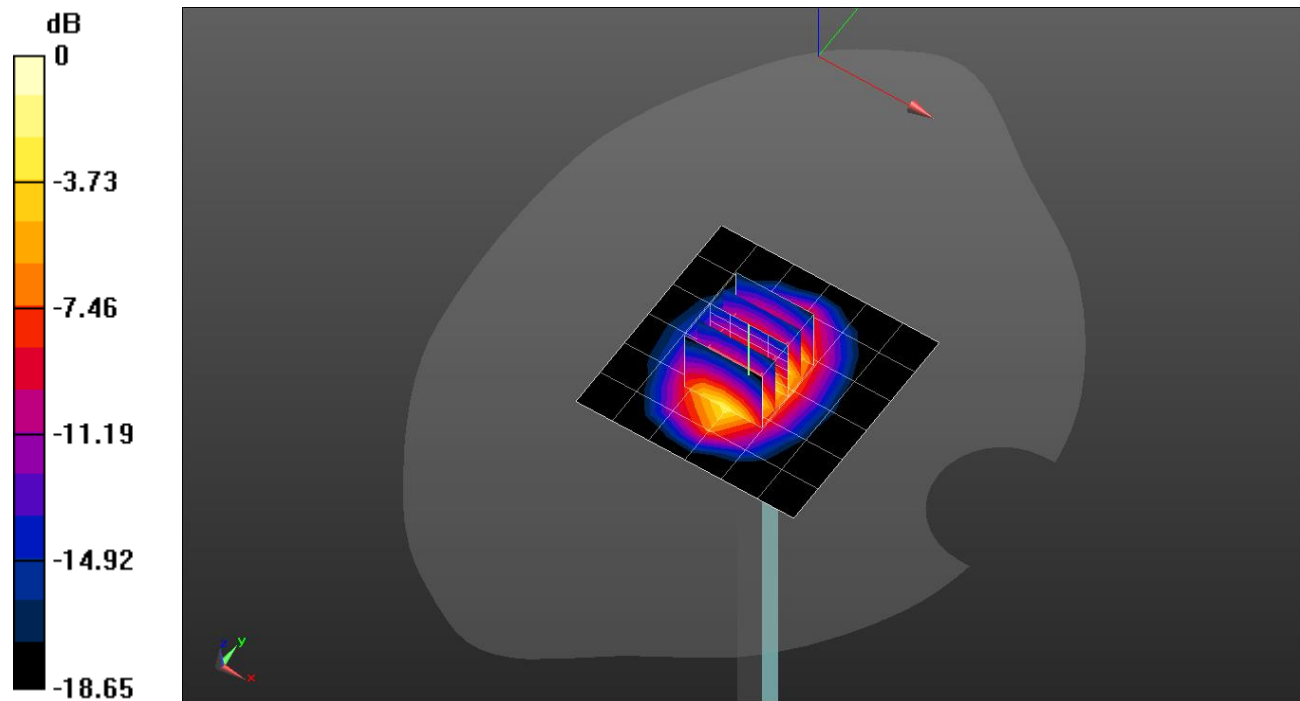
**Head/Pin=100 mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 60.09 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 7.00 W/kg

**SAR(1 g) = 3.76 W/kg; SAR(10 g) = 1.93 W/kg**

Maximum value of SAR (measured) = 5.11 W/kg



0 dB = 5.11 W/kg = 7.08 dBW/kg

20200108\_SystemPerformanceCheck-D1900V2 SN 5d190

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) = 5.06 W/kg

