

### 2020-04-03 SystemPerformanceCheck-D5GHzV2 SN 1213

Frequency: 5250 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 5250 \text{ MHz}$ ;  $\sigma = 4.61 \text{ S/m}$ ;  $\epsilon_r = 35.219$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1380; Calibrated: 8/27/2019
- Probe: EX3DV4 - SN7335; ConvF(5.36, 5.36, 5.36) @ 5250 MHz; Calibrated: 2/21/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI B v5.0; Type: QD OVA 002 AA; Serial: 1196

**Head/5.2 GHz, Pin=100mW/Area Scan (7x7x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 19.2 W/kg

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

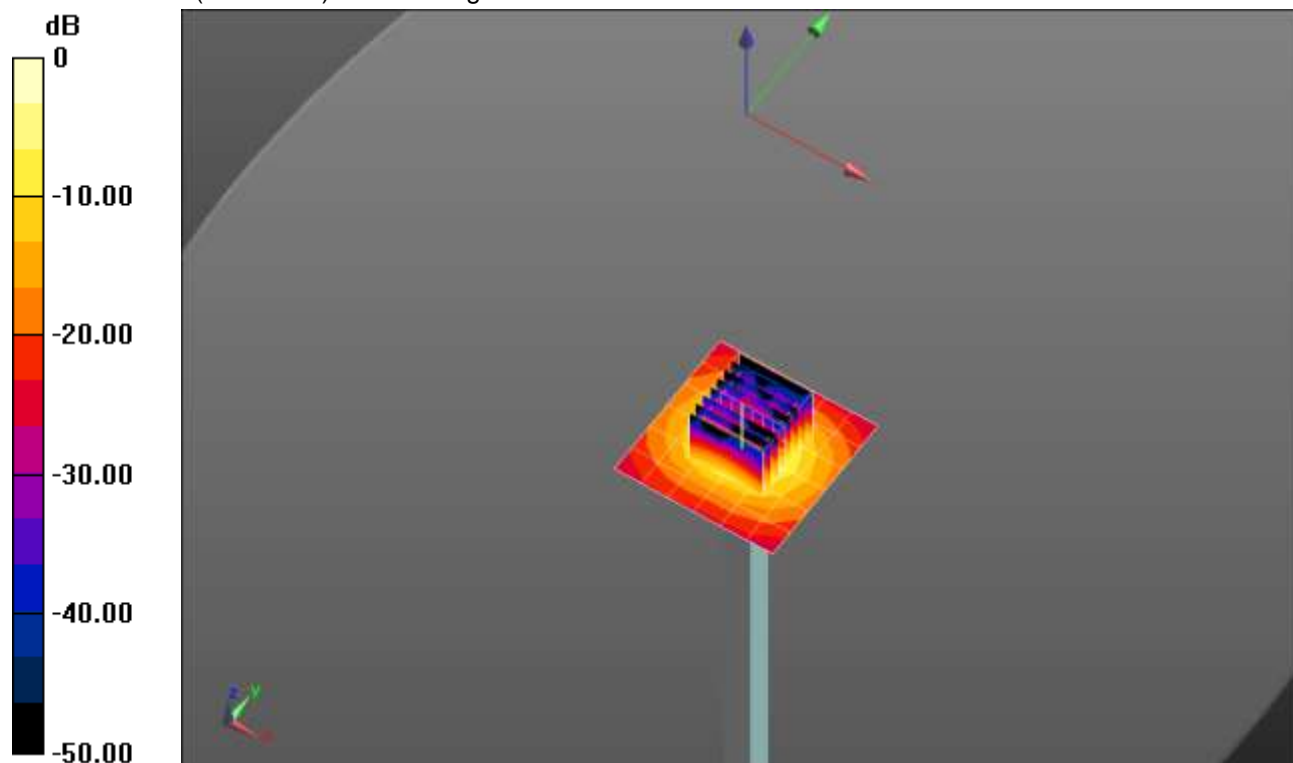
dz=1.4mm

Reference Value = 57.28 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 30.4 W/kg

**SAR(1 g) = 7.69 W/kg; SAR(10 g) = 2.21 W/kg**

Maximum value of SAR (measured) = 18.0 W/kg

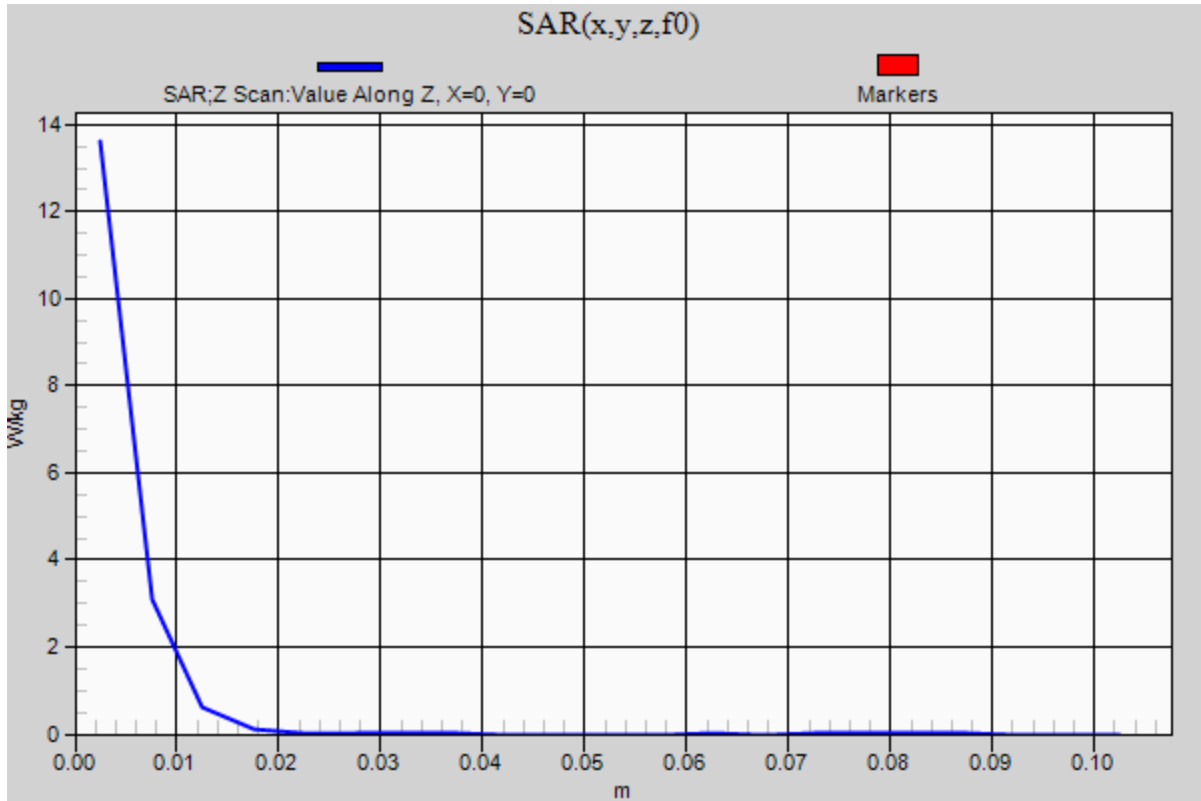


0 dB = 18.0 W/kg = 12.55 dBW/kg

### 2020-04-03 SystemPerformanceCheck-D5GHzV2 SN 1213

Frequency: 5250 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) = 13.6 W/kg



### 2020-04-03 SystemPerformanceCheck-D5GHzV2 SN 1213

Frequency: 5600 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 4.973$  S/m;  $\epsilon_r = 34.868$ ;  $\rho = 1000$  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 Sn1380; Calibrated: 8/27/2019
- Probe: EX3DV4 - SN7335; ConvF(4.9, 4.9, 4.9) @ 5600 MHz; Calibrated: 2/21/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI B v5.0; Type: QD OVA 002 AA; Serial: 1196

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

Maximum value of SAR (measured) = 20.9 W/kg

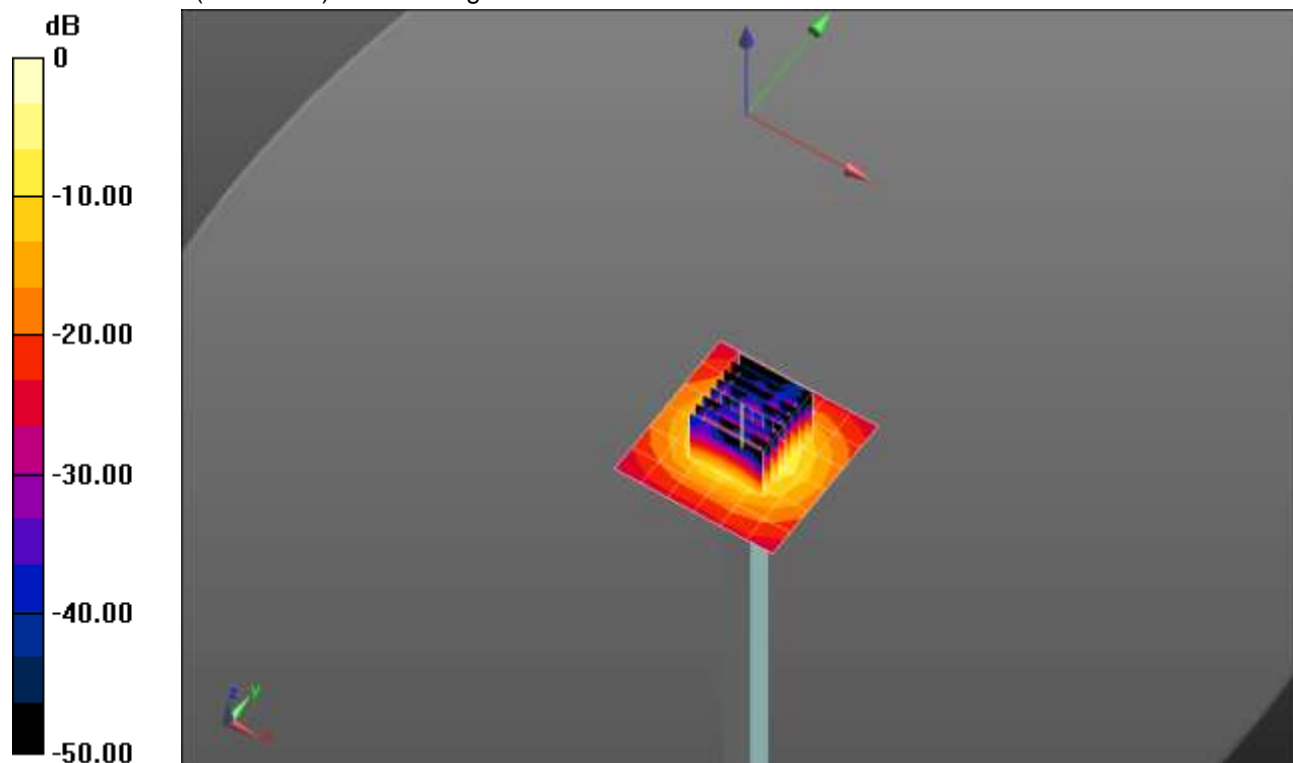
**Head/5.6 GHz, Pin=100mW/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 56.29 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 35.0 W/kg

**SAR(1 g) = 8.11 W/kg; SAR(10 g) = 2.31 W/kg**

Maximum value of SAR (measured) = 19.5 W/kg

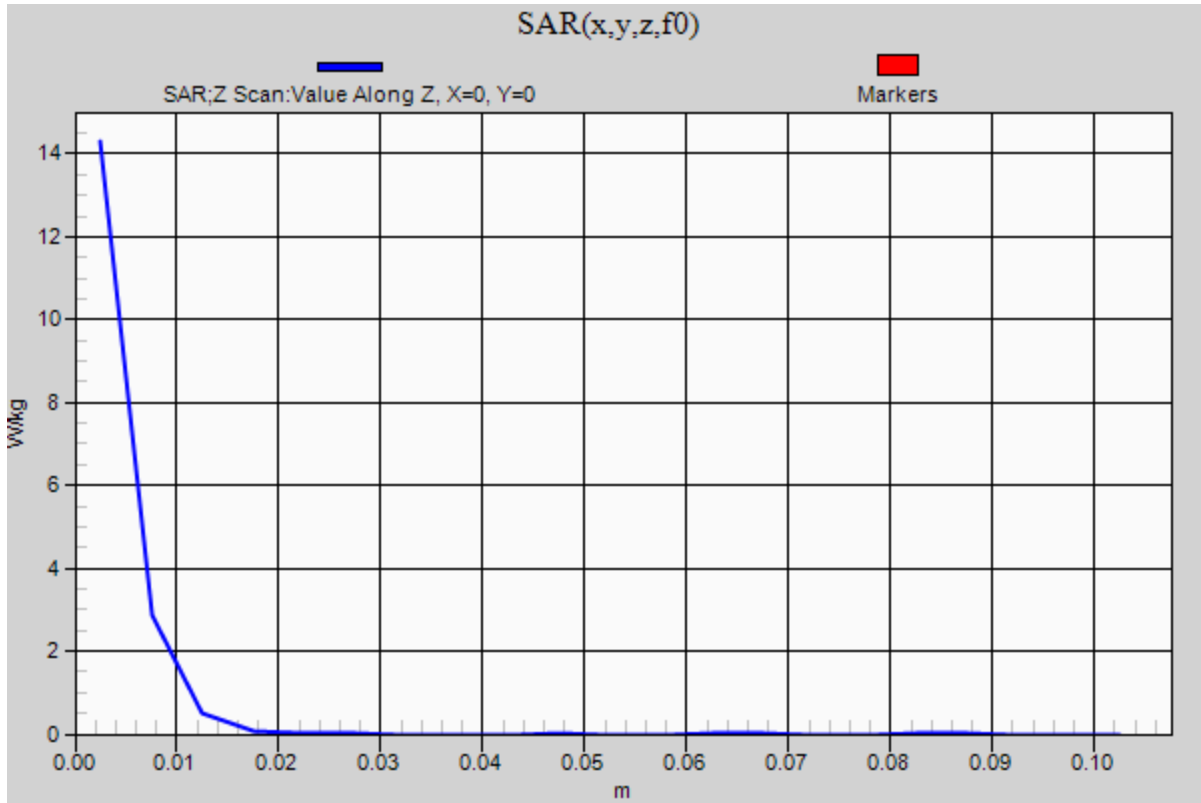


0 dB = 19.5 W/kg = 12.90 dBW/kg

### 2020-04-03 SystemPerformanceCheck-D5GHzV2 SN 1213

Frequency: 5600 MHz; Duty Cycle: 1:1

**Head/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



### 2020-04-03 SystemPerformanceCheck-D5GHzV2 SN 1213

Frequency: 5750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 5750 \text{ MHz}$ ;  $\sigma = 5.191 \text{ S/m}$ ;  $\epsilon_r = 34.576$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1380; Calibrated: 8/27/2019
- Probe: EX3DV4 - SN7335; ConvF(5.08, 5.08, 5.08) @ 5750 MHz; Calibrated: 2/21/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI B v5.0; Type: QD OVA 002 AA; Serial: 1196

**Head/5.8 GHz, Pin=100mW/Area Scan (7x7x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 19.5 W/kg

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

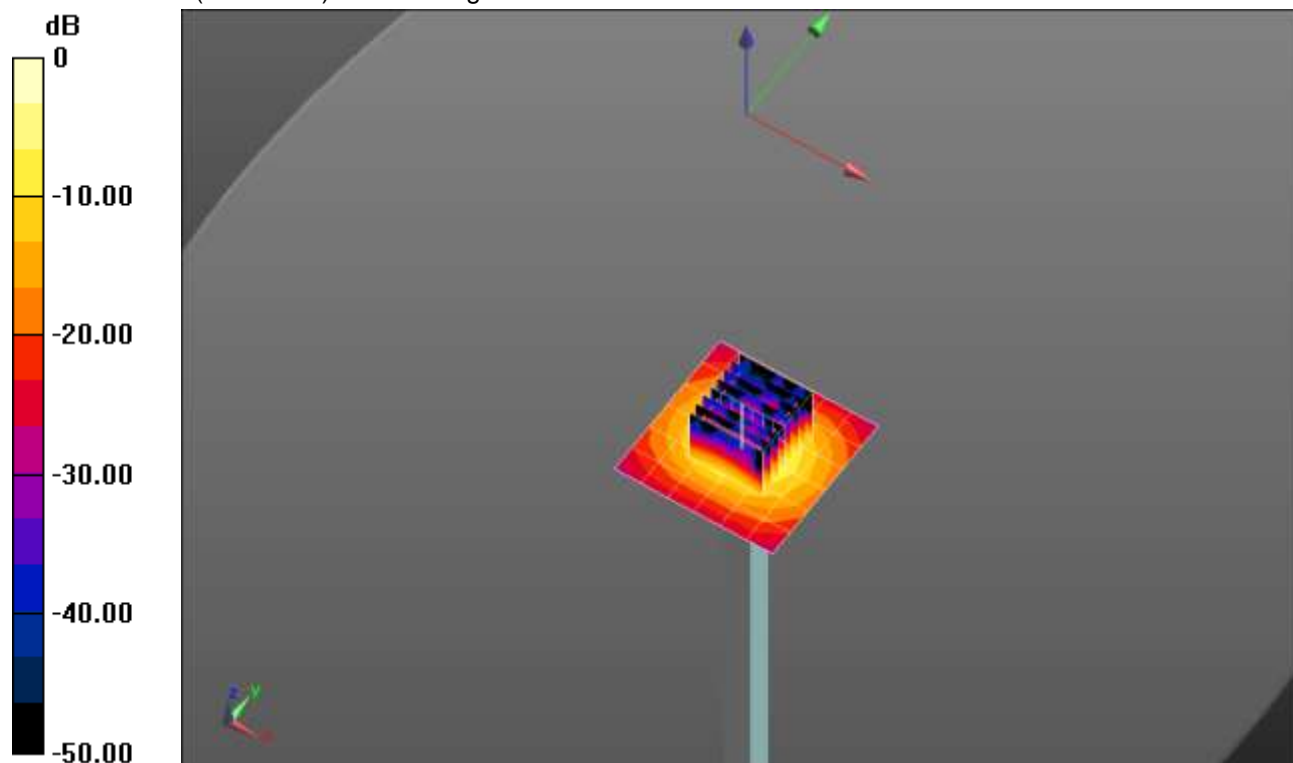
dz=1.4mm

Reference Value = 53.19 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 33.6 W/kg

**SAR(1 g) = 7.48 W/kg; SAR(10 g) = 2.13 W/kg**

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

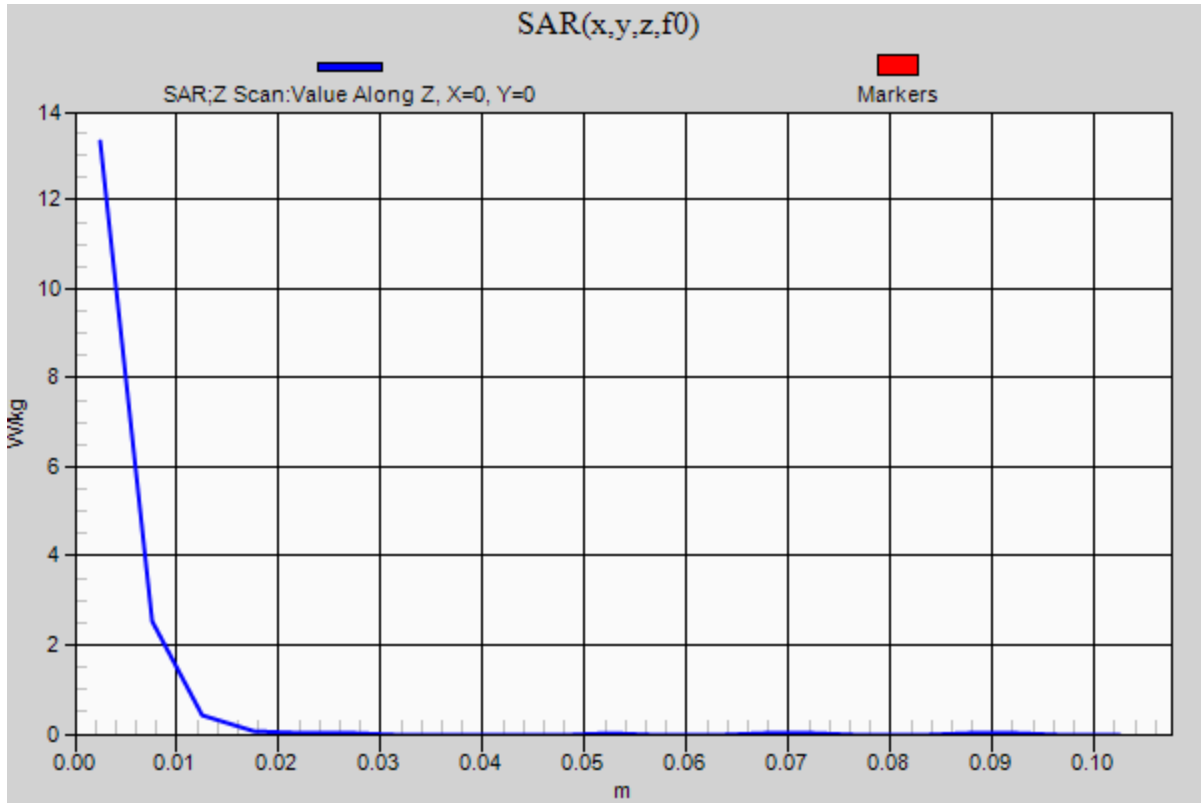


0 dB = 18.3 W/kg = 12.62 dBW/kg

### 2020-04-03 SystemPerformanceCheck-D5GHzV2 SN 1213

Frequency: 5750 MHz; Duty Cycle: 1:1

**Head/5.8 GHz, Pin=100mW/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 13.3 W/kg



## 2020-04-14 SystemPerformanceCheck-D2450V2 SN 963

Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.784$  S/m;  $\epsilon_r = 40.357$ ;  $\rho = 1000$  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 Sn1380; Calibrated: 8/27/2019
- Probe: EX3DV4 - SN7335; ConvF(7.75, 7.75, 7.75); Calibrated: 2/21/2020;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI A v5.0; Type: QD OVA 002 AA; Serial: 1194

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

Maximum value of SAR (measured) = 5.90 W/kg

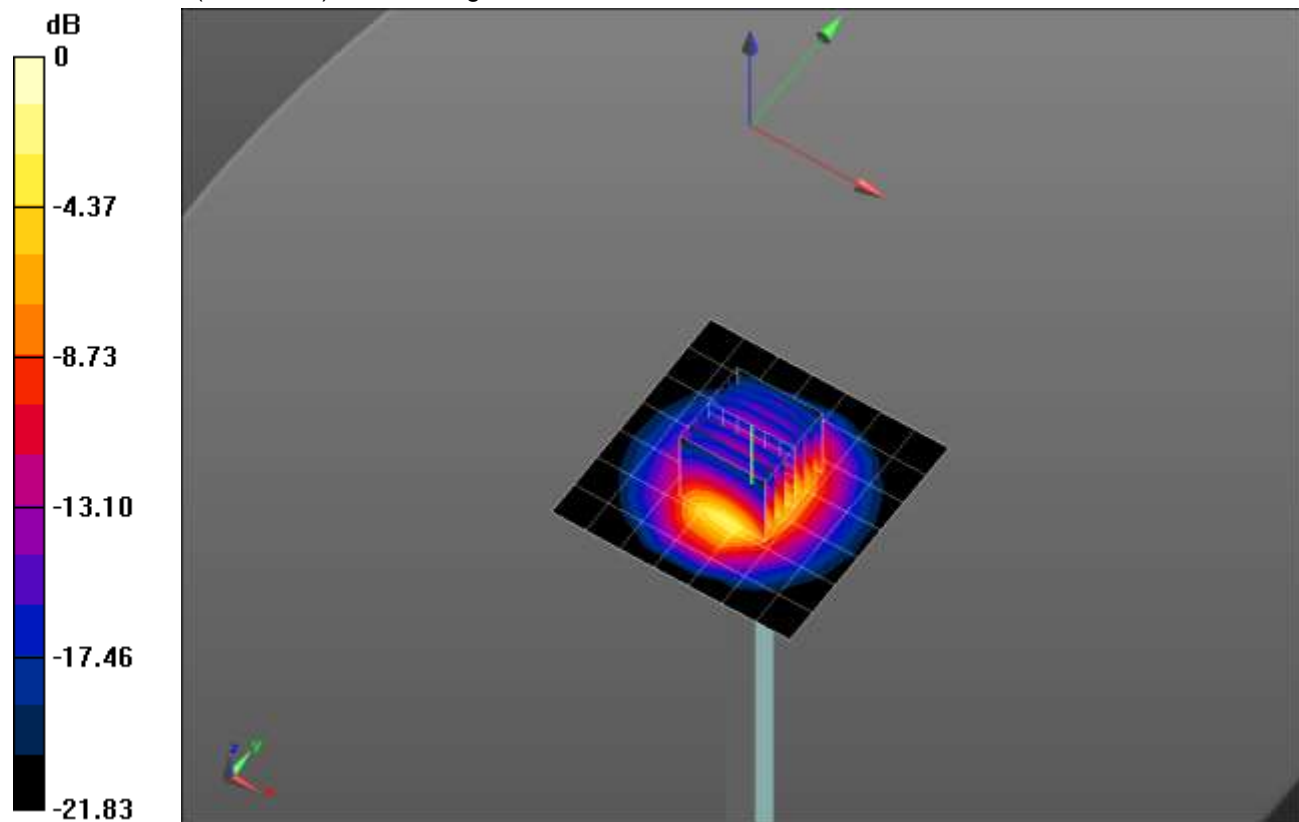
**Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 63.405 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 10.4 W/kg

**SAR(1 g) = 5.08 W/kg; SAR(10 g) = 2.38 W/kg**

Maximum value of SAR (measured) = 7.19 W/kg

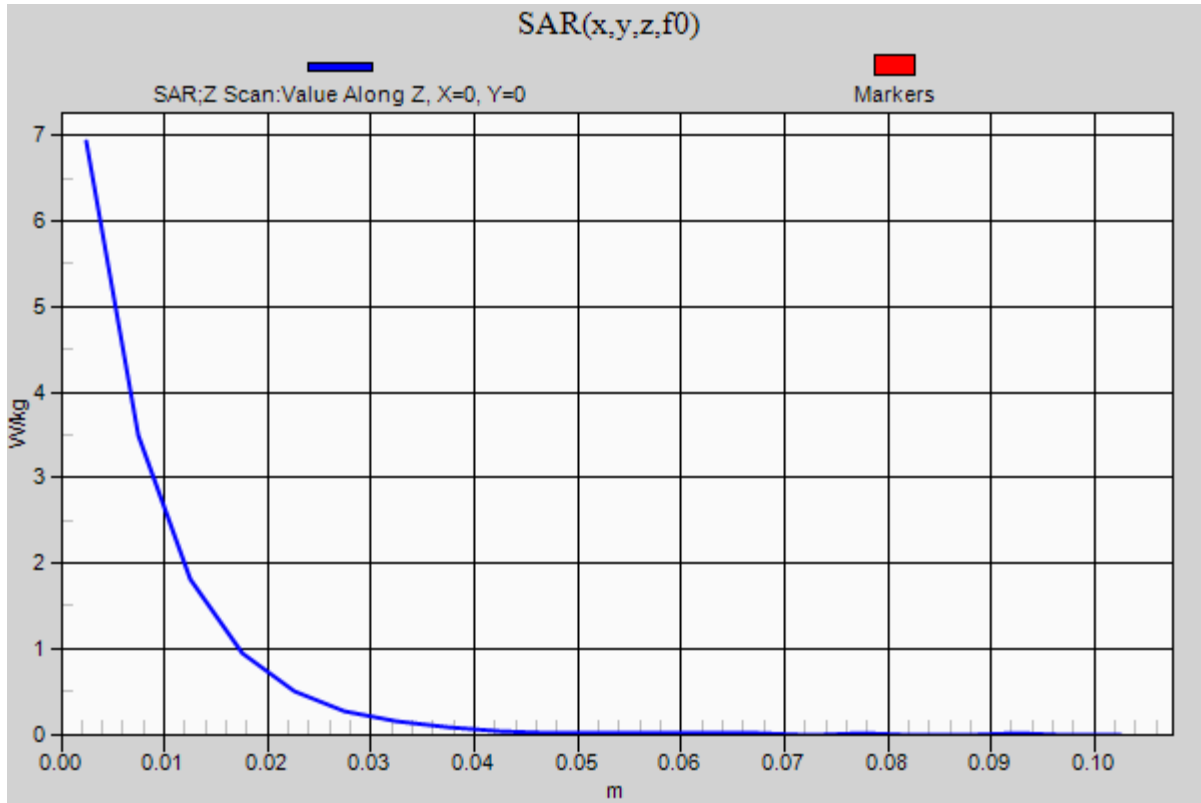


0 dB = 7.19 W/kg = 8.57 dBW/kg

### 2020-04-14 SystemPerformanceCheck-D2450V2 SN 963

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) = 6.93 W/kg





## 2020-04-22 SystemPerformanceCheck-D2600V2 SN 1104

Frequency: 2600 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 2600$  MHz;  $\sigma = 1.933$  S/m;  $\epsilon_r = 40.075$ ;  $\rho = 1000$  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 Sn1380; Calibrated: 8/27/2019
- Probe: EX3DV4 - SN7335; ConvF(7.5, 7.5, 7.5); Calibrated: 2/21/2020;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 ; Type: QD000P40CD; Serial: 1742

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

Maximum value of SAR (measured) = 5.64 W/kg

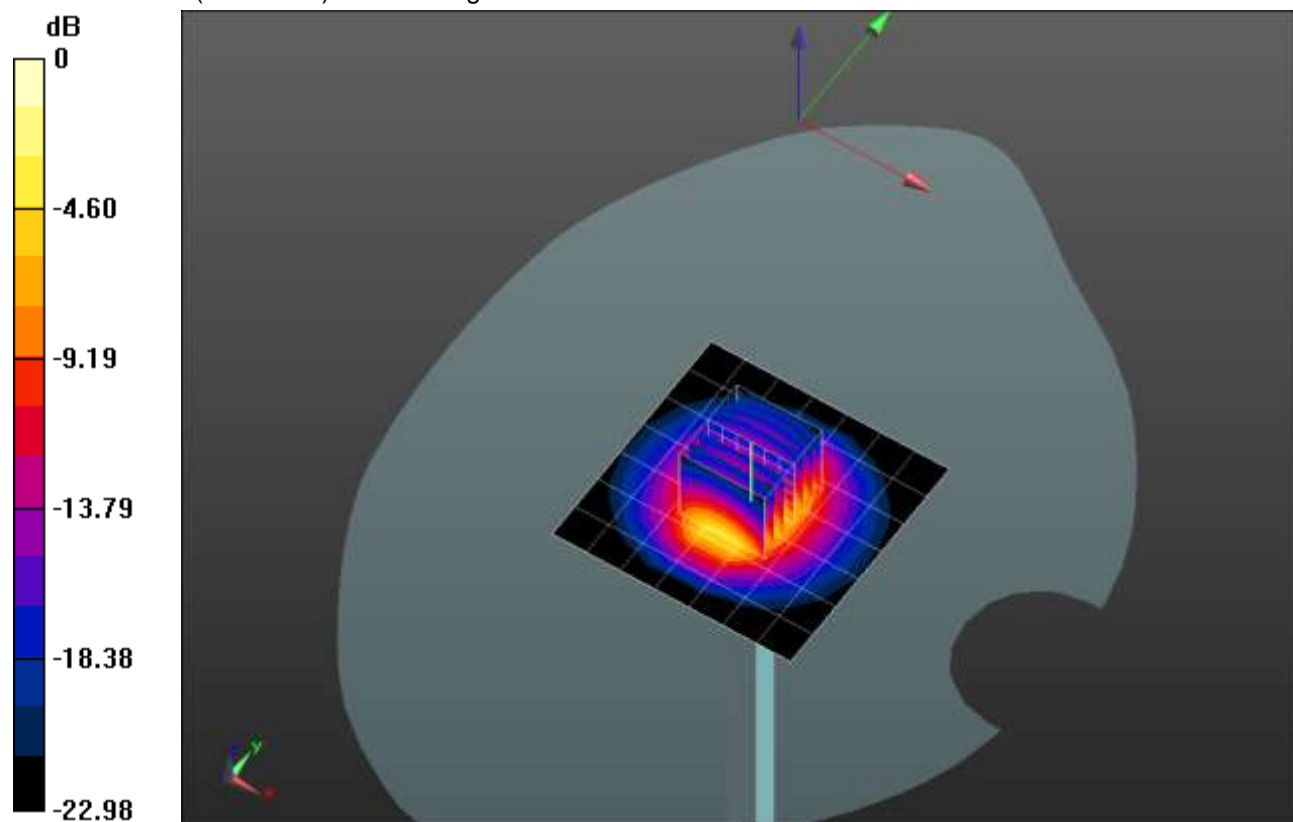
**Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 65.921 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 12.0 W/kg

**SAR(1 g) = 5.65 W/kg; SAR(10 g) = 2.55 W/kg**

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



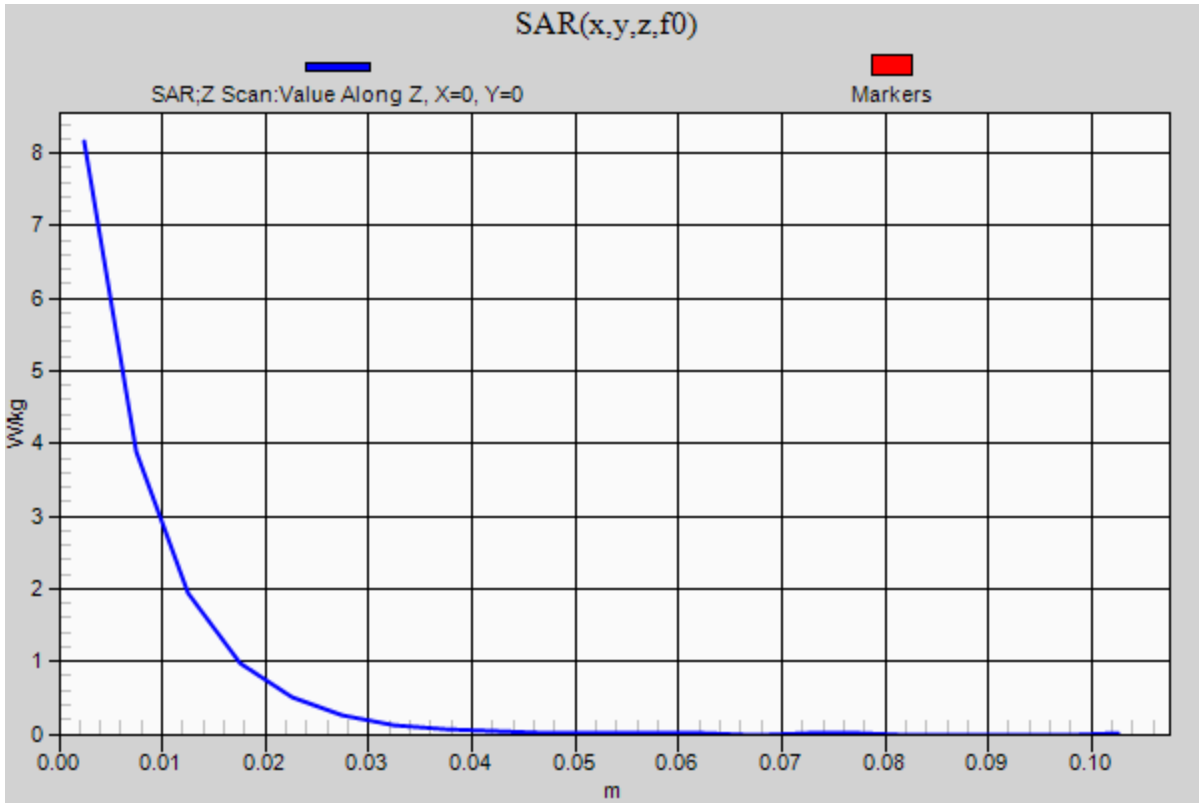
0 dB = 8.15 W/kg = 9.11 dBW/kg

### 2020-04-22 SystemPerformanceCheck-D2600V2 SN 1104

Frequency: 2600 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) = 8.16 W/kg



### 2020-04-22 SystemPerformanceCheck-D2300V2 SN 1050

Frequency: 2300 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2300$  MHz;  $\sigma = 1.712$  S/m;  $\epsilon_r = 40.483$ ;  $\rho = 1000$  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 Sn1380; Calibrated: 8/27/2019
- Probe: EX3DV4 - SN7335; ConvF(8.04, 8.04, 8.04); Calibrated: 2/21/2020;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 ; Type: QD000P40CD; Serial: 1742

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

Maximum value of SAR (measured) = 4.94 W/kg

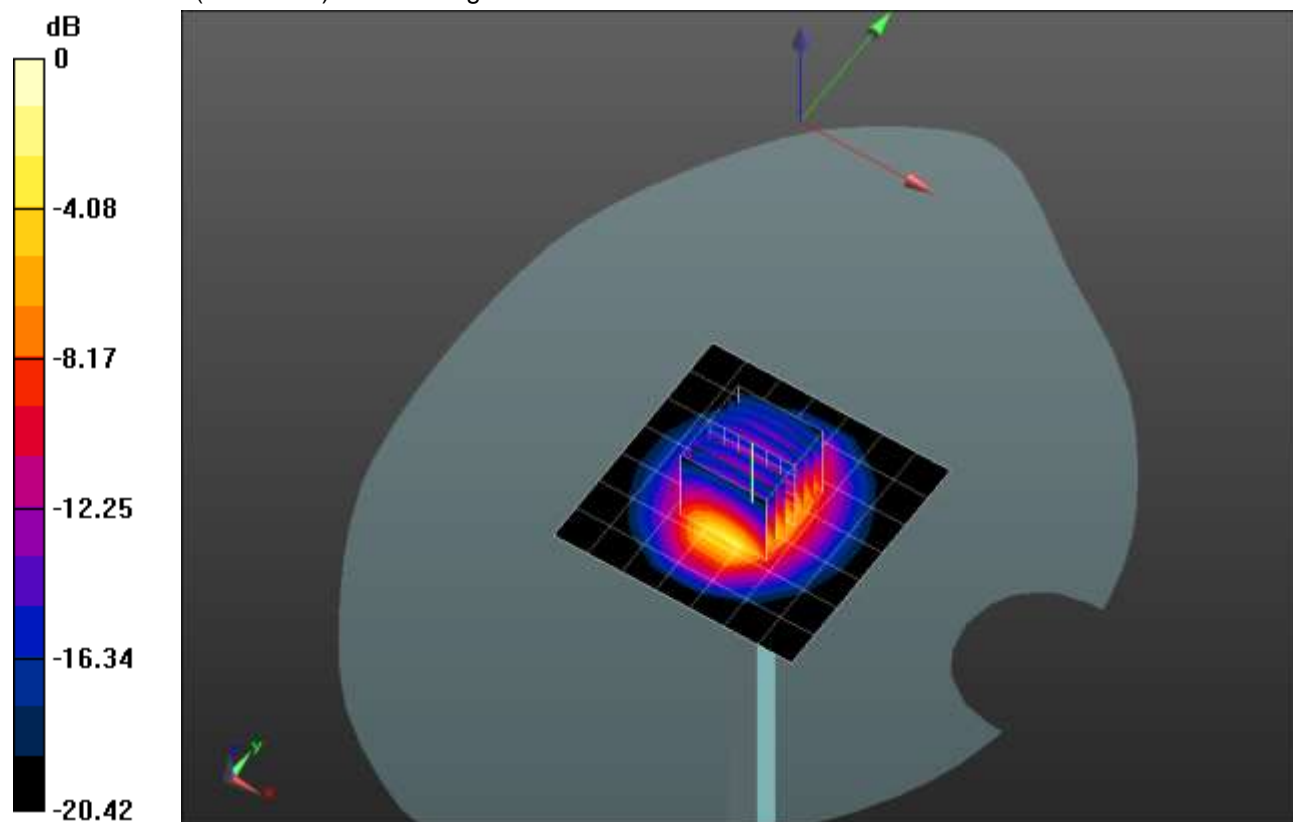
**Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 64.231 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 9.81 W/kg

**SAR(1 g) = 4.92 W/kg; SAR(10 g) = 2.36 W/kg**

Maximum value of SAR (measured) = 6.94 W/kg

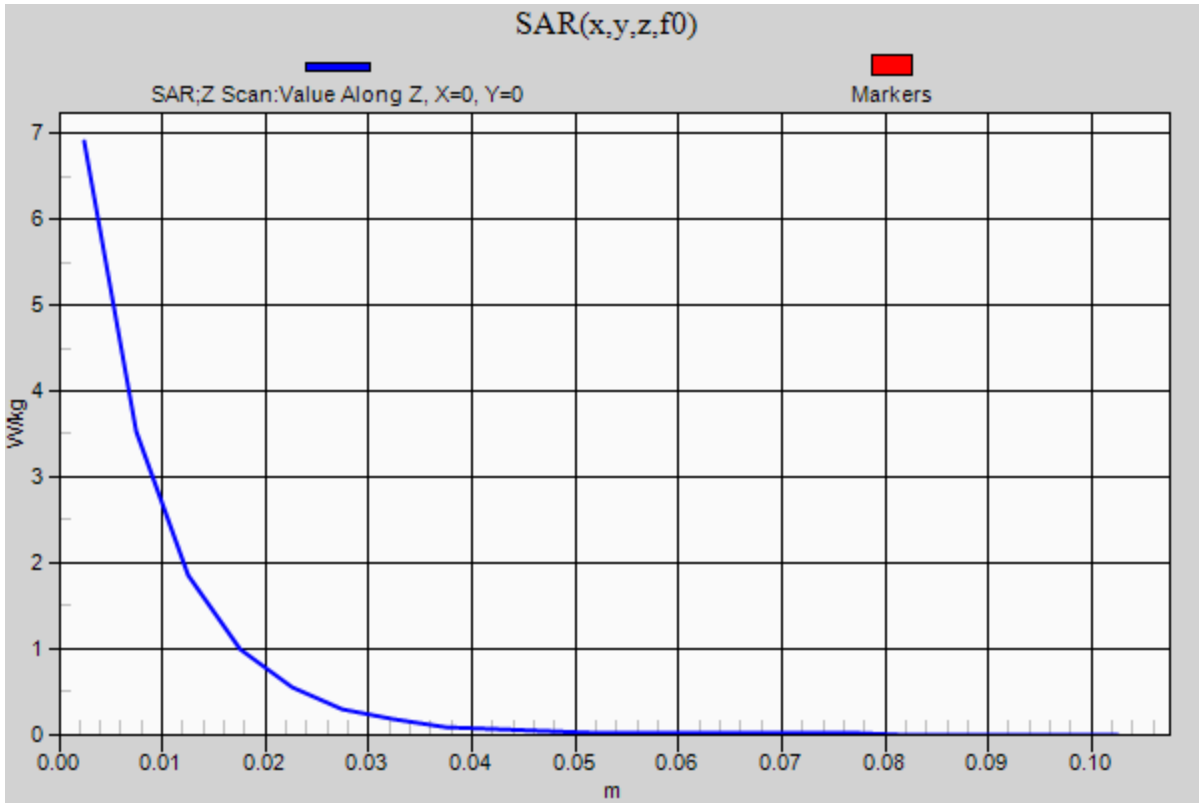


0 dB = 6.94 W/kg = 8.41 dBW/kg

### 2020-04-22 SystemPerformanceCheck-D2300V2 SN 1050

Frequency: 2300 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) = 6.91 W/kg



### 2020-05-04 SystemPerformanceCheck-D750V3 SN 1139

Frequency: 750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.916 \text{ S/m}$ ;  $\epsilon_r = 41.893$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1380; Calibrated: 8/27/2019
- Probe: EX3DV4 - SN7335; ConvF(9.85, 9.85, 9.85); Calibrated: 2/21/2020;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI A v5.0; Type: QD OVA 002 AA; Serial: 1194

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

Maximum value of SAR (measured) = 1.07 W/kg

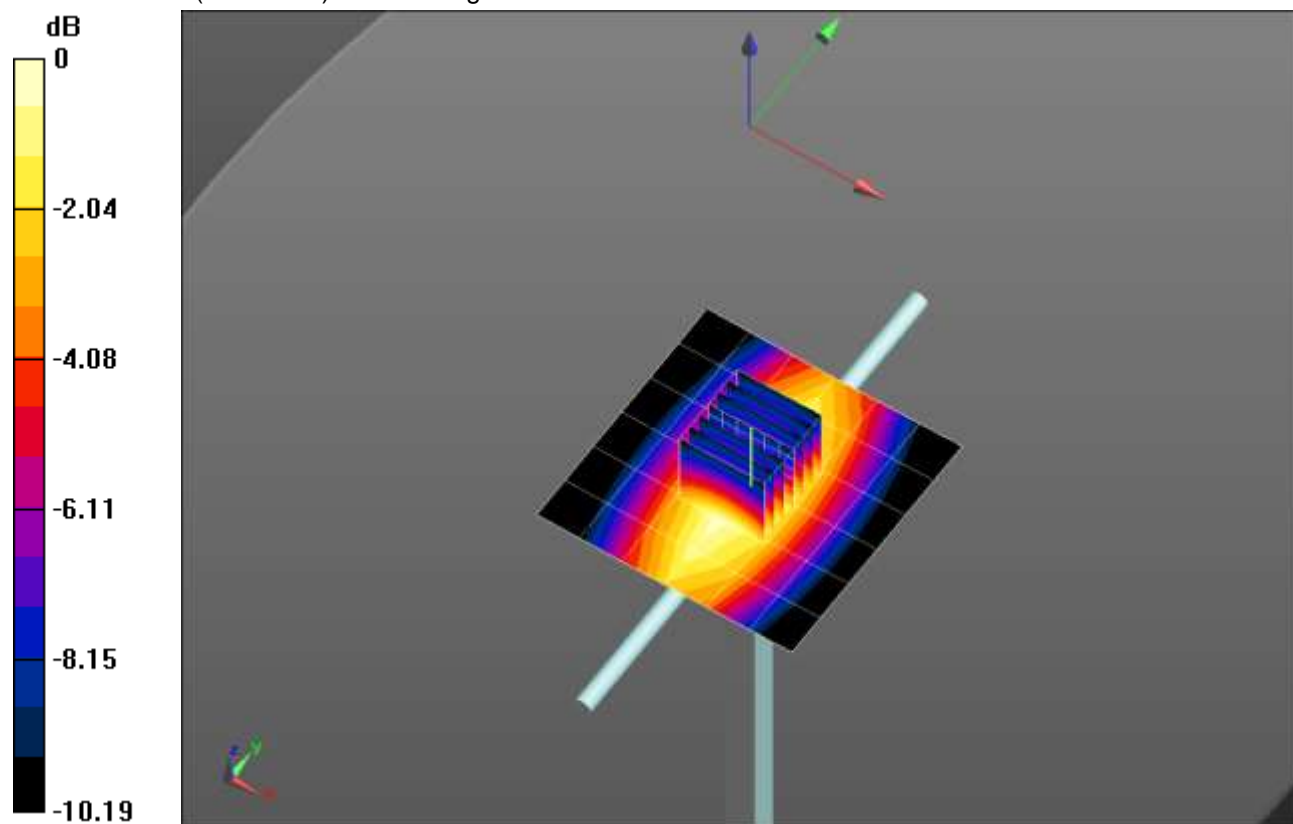
**Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 34.674 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.32 W/kg

**SAR(1 g) = 0.891 W/kg; SAR(10 g) = 0.589 W/kg**

Maximum value of SAR (measured) = 1.08 W/kg



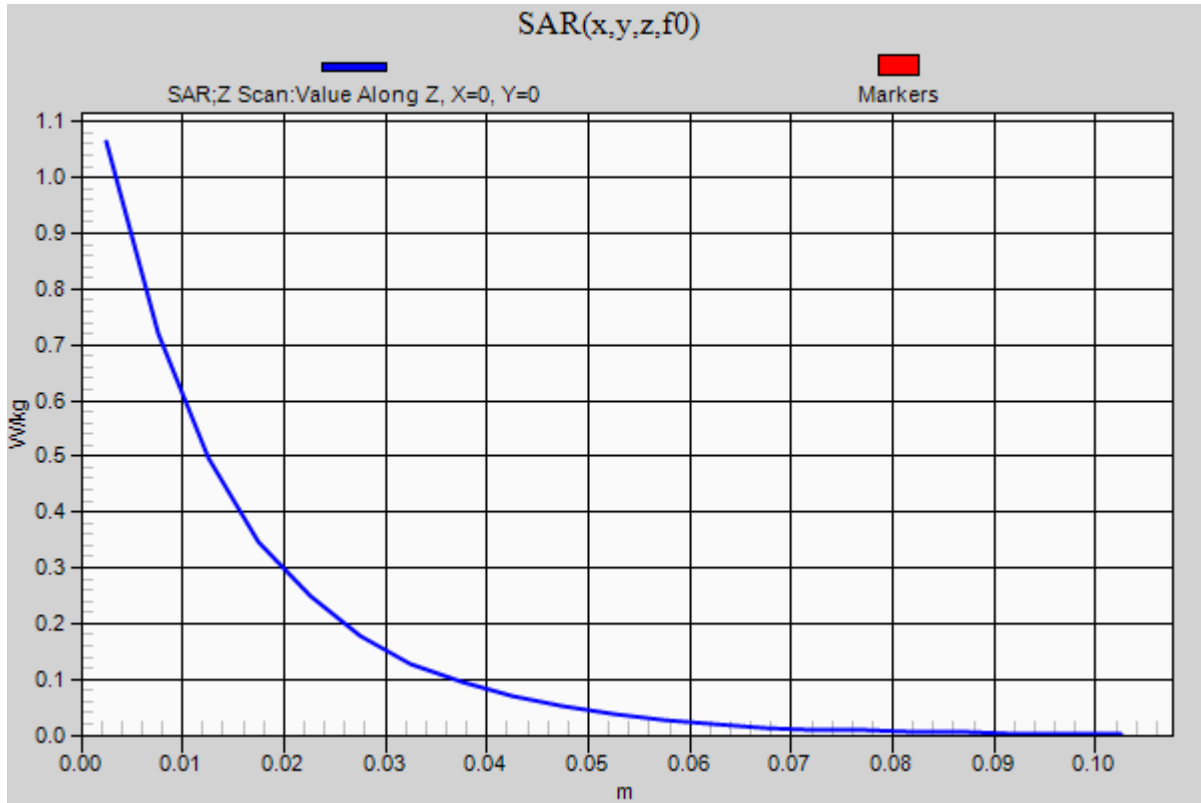
0 dB = 1.08 W/kg = 0.33 dBW/kg

### 2020-05-04 SystemPerformanceCheck-D750V3 SN 1139

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) = 1.06 W/kg



## 2020-05-09 SystemPerformanceCheck-D1750V2 SN 1136

Frequency: 1750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 1750 \text{ MHz}$ ;  $\sigma = 1.339 \text{ S/m}$ ;  $\epsilon_r = 39.18$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1380; Calibrated: 8/27/2019
- Probe: EX3DV4 - SN7335; ConvF(8.74, 8.74, 8.74); Calibrated: 2/21/2020;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI A v5.0; Type: QD OVA 002 AA; Serial: 1194

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

Maximum value of SAR (measured) = 4.70 W/kg

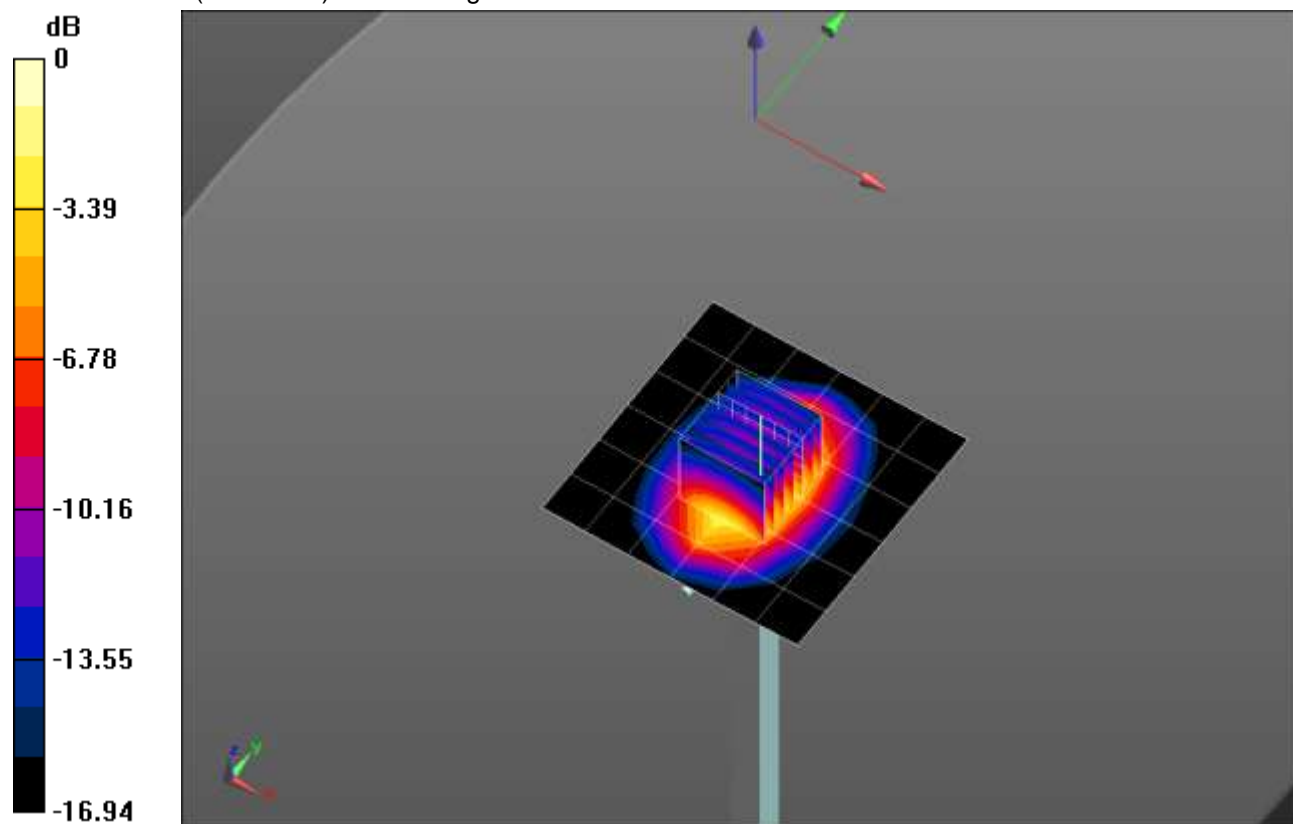
**Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 59.568 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 6.18 W/kg

**SAR(1 g) = 3.4 W/kg; SAR(10 g) = 1.82 W/kg**

Maximum value of SAR (measured) = 4.56 W/kg

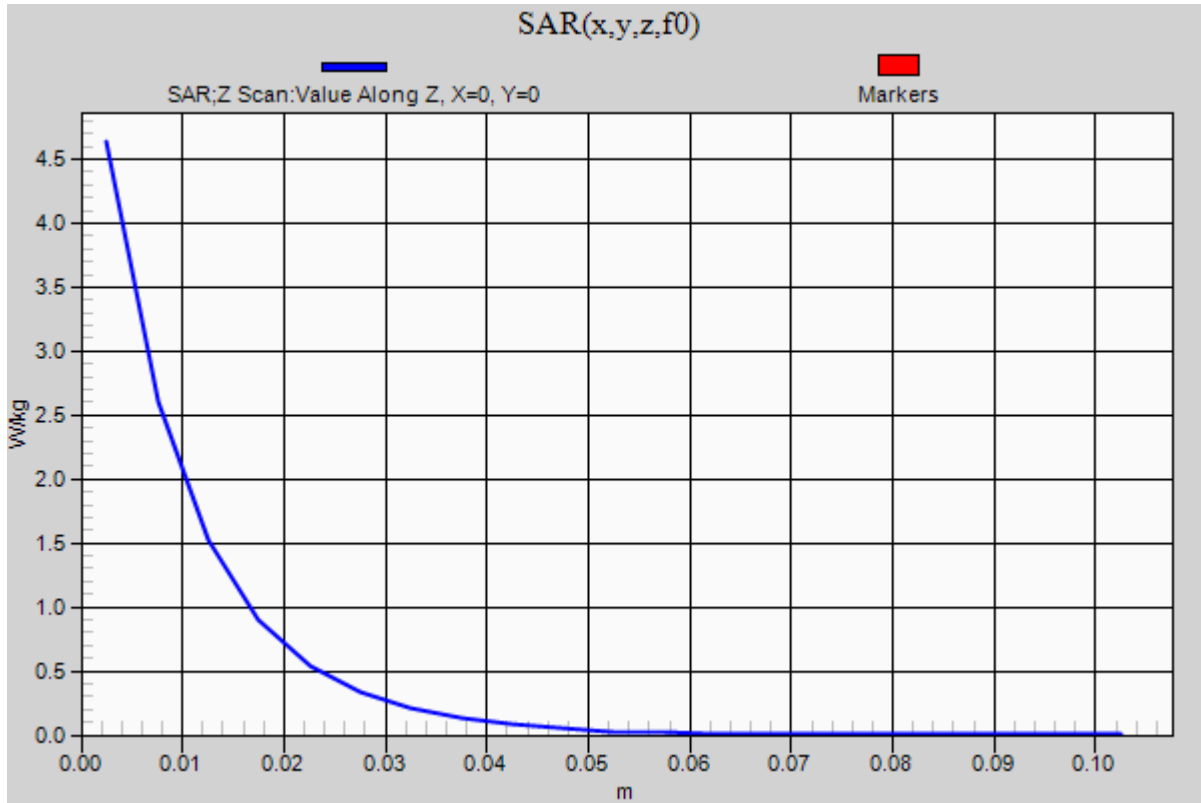


0 dB = 4.56 W/kg = 6.59 dBW/kg

### 2020-05-09 SystemPerformanceCheck-D1750V2 SN 1136

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) = 4.64 W/kg





### 2020-05-09 SystemPerformanceCheck-D1900V2 SN 5d202

Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1900 \text{ MHz}$ ;  $\sigma = 1.432 \text{ S/m}$ ;  $\epsilon_r = 38.909$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1380; Calibrated: 8/27/2019
- Probe: EX3DV4 - SN7335; ConvF(8.46, 8.46, 8.46); Calibrated: 2/21/2020;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI A v5.0; Type: QD OVA 002 AA; Serial: 1194

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

Maximum value of SAR (measured) = 5.19 W/kg

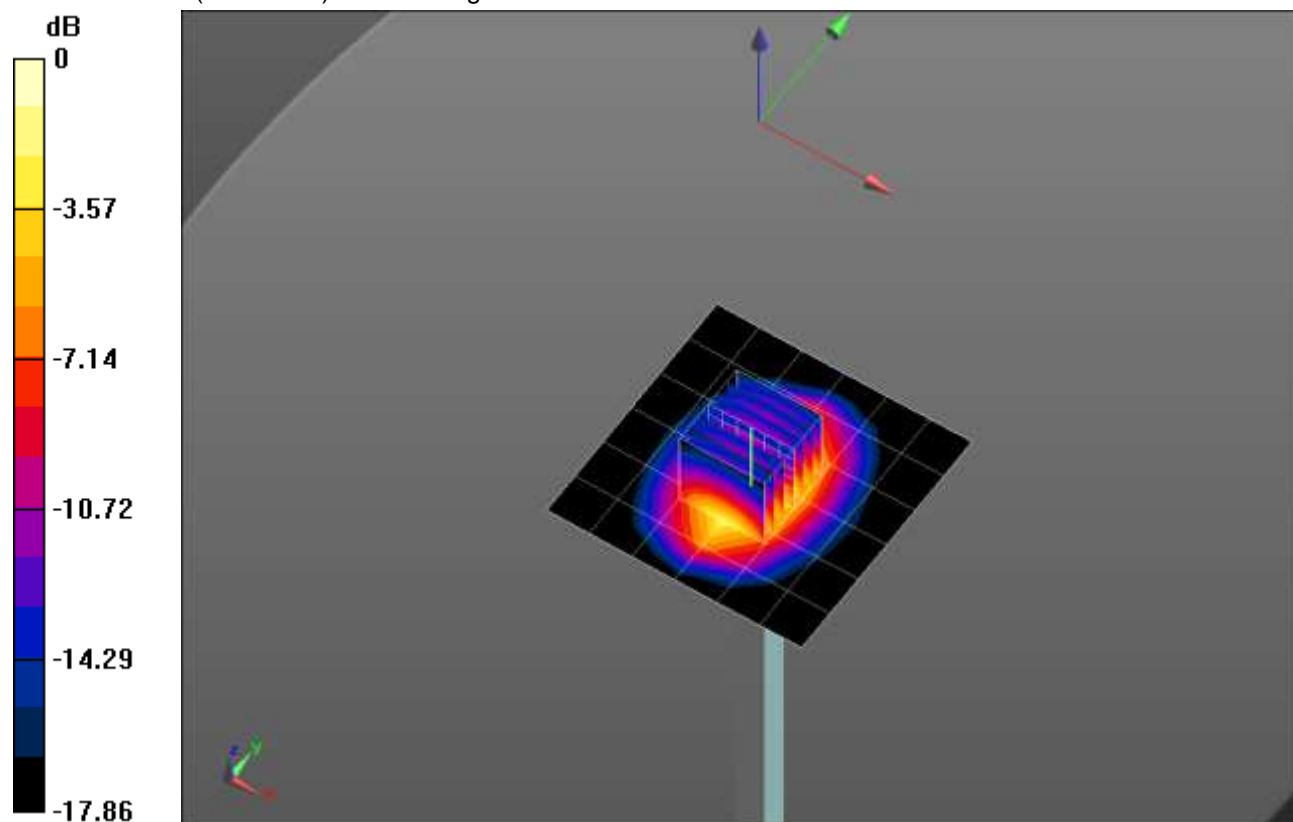
**Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 60.784 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 7.18 W/kg

**SAR(1 g) = 3.86 W/kg; SAR(10 g) = 2.01 W/kg**

Maximum value of SAR (measured) = 5.18 W/kg



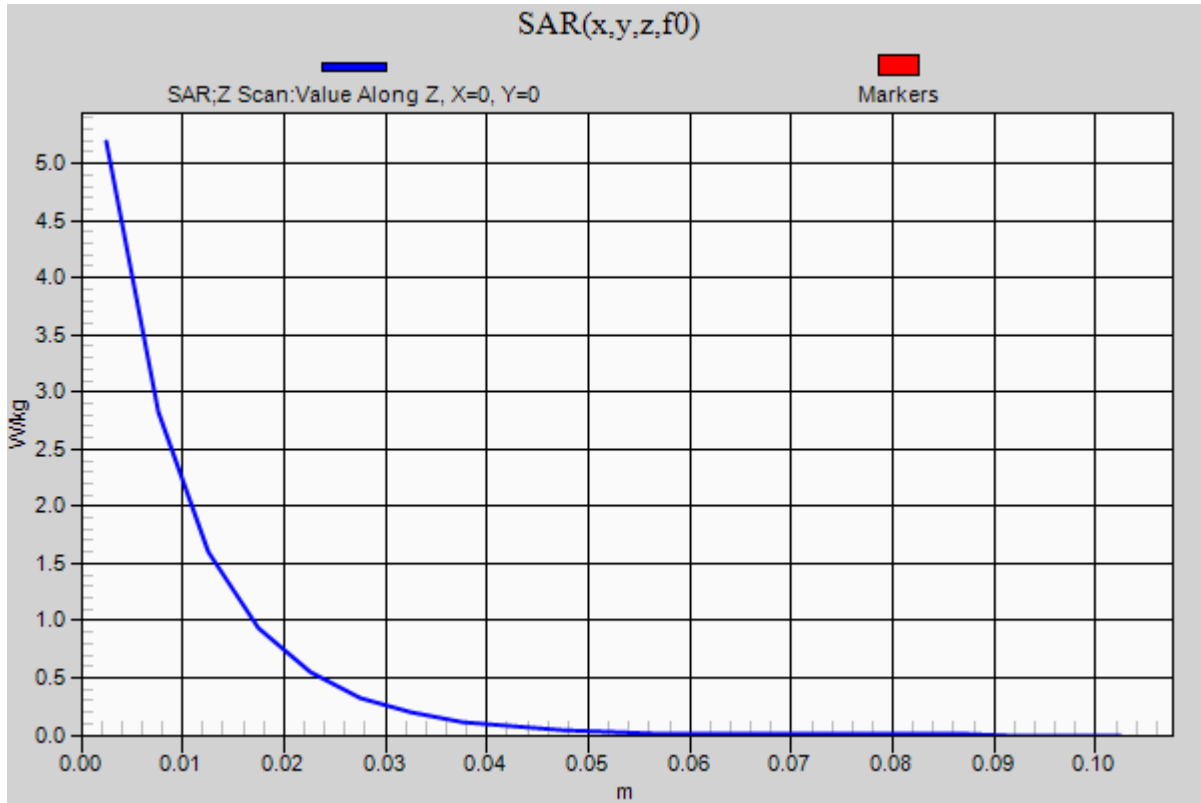
0 dB = 5.18 W/kg = 7.14 dBW/kg

### 2020-05-09 SystemPerformanceCheck-D1900V2 SN 5d202

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) = 5.19 W/kg



## 2020-05-22 SystemPerformanceCheck-D900V2 SN 1d180

Frequency: 900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 900 \text{ MHz}$ ;  $\sigma = 0.977 \text{ S/m}$ ;  $\epsilon_r = 40.635$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1380; Calibrated: 8/27/2019
- Probe: EX3DV4 - SN7335; ConvF(9.51, 9.51, 9.51); Calibrated: 2/21/2020;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 ; Type: QD000P40CD; Serial: 1742

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

Maximum value of SAR (measured) = 1.38 W/kg

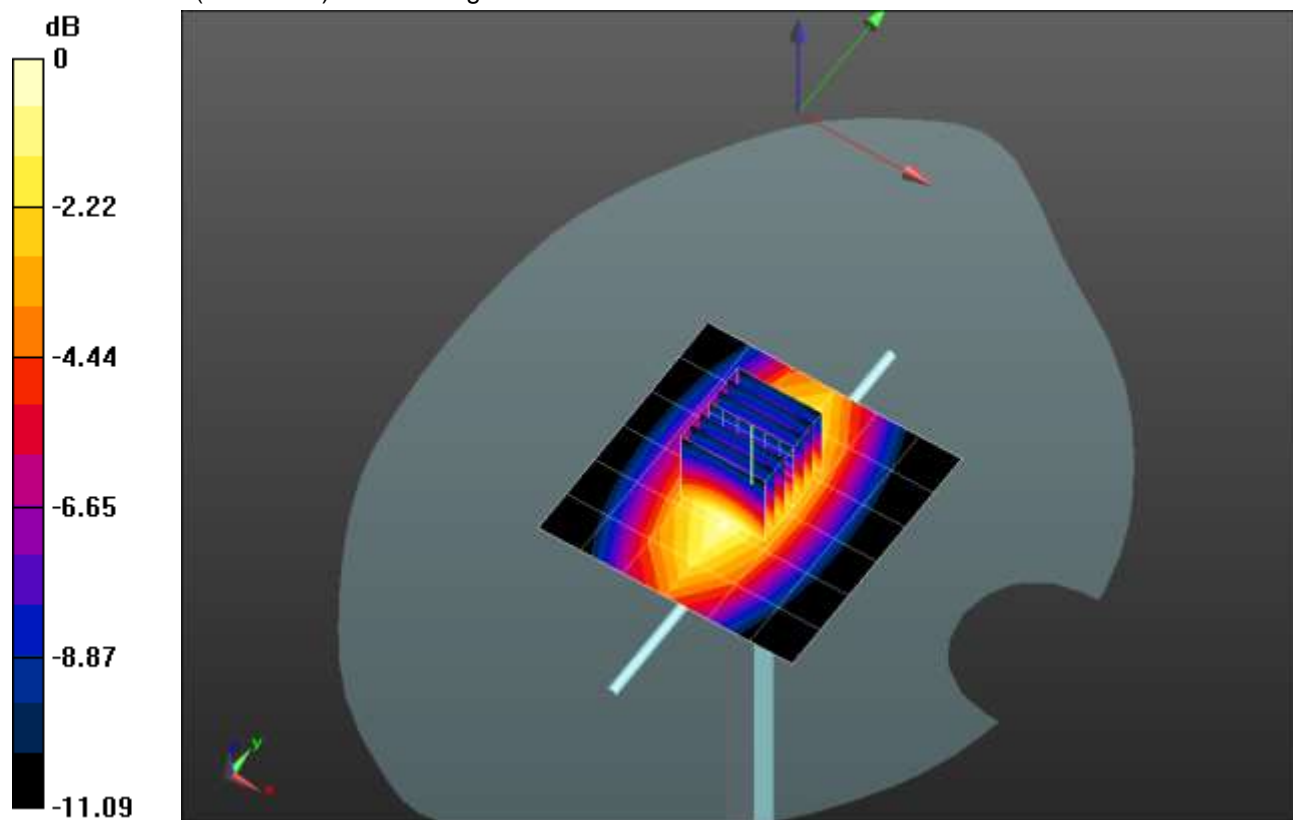
**Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 38.291 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.73 W/kg

**SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.734 W/kg**

Maximum value of SAR (measured) = 1.40 W/kg

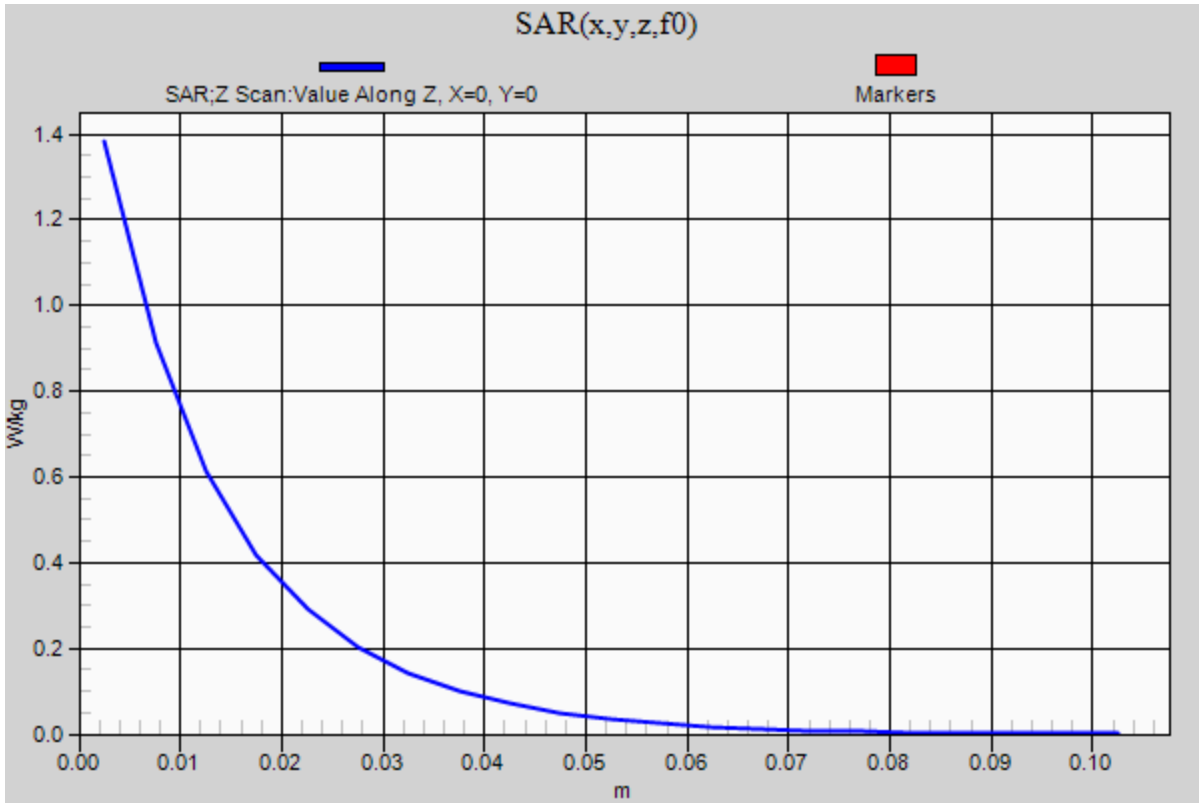


0 dB = 1.40 W/kg = 1.46 dBW/kg

### 2020-05-22 SystemPerformanceCheck-D900V2 SN 1d180

Frequency: 900 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) = 1.38 W/kg



### 2020-03-31 SystemPerformanceCheck-D2450V2 SN 963

Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.813$  S/m;  $\epsilon_r = 37.891$ ;  $\rho = 1000$  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 Sn1434; Calibrated: 11/15/2019
- Probe: EX3DV4 - SN3990; ConvF(7.63, 7.63, 7.63) @ 2450 MHz; Calibrated: 8/28/2019
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx

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

Maximum value of SAR (measured) = 6.16 W/kg

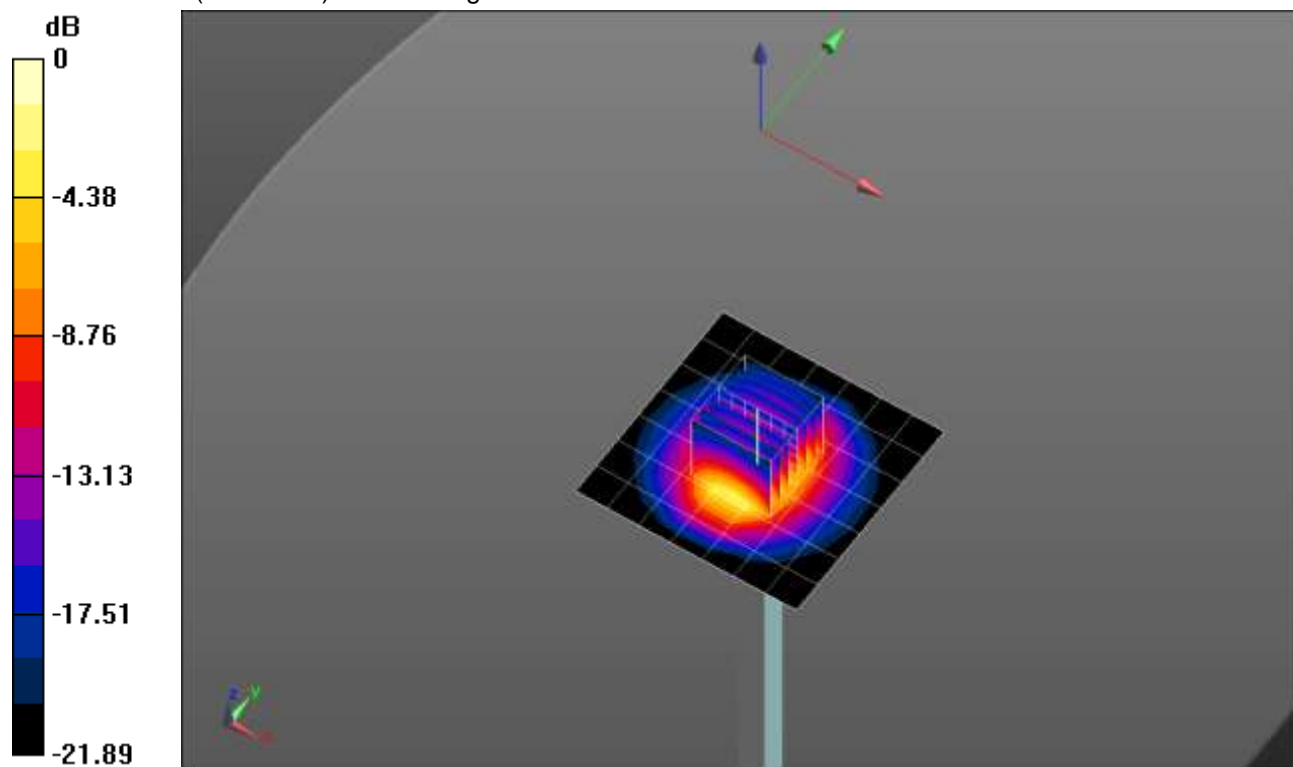
**Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 65.25 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 11.6 W/kg

**SAR(1 g) = 5.67 W/kg; SAR(10 g) = 2.64 W/kg**

Maximum value of SAR (measured) = 8.03 W/kg

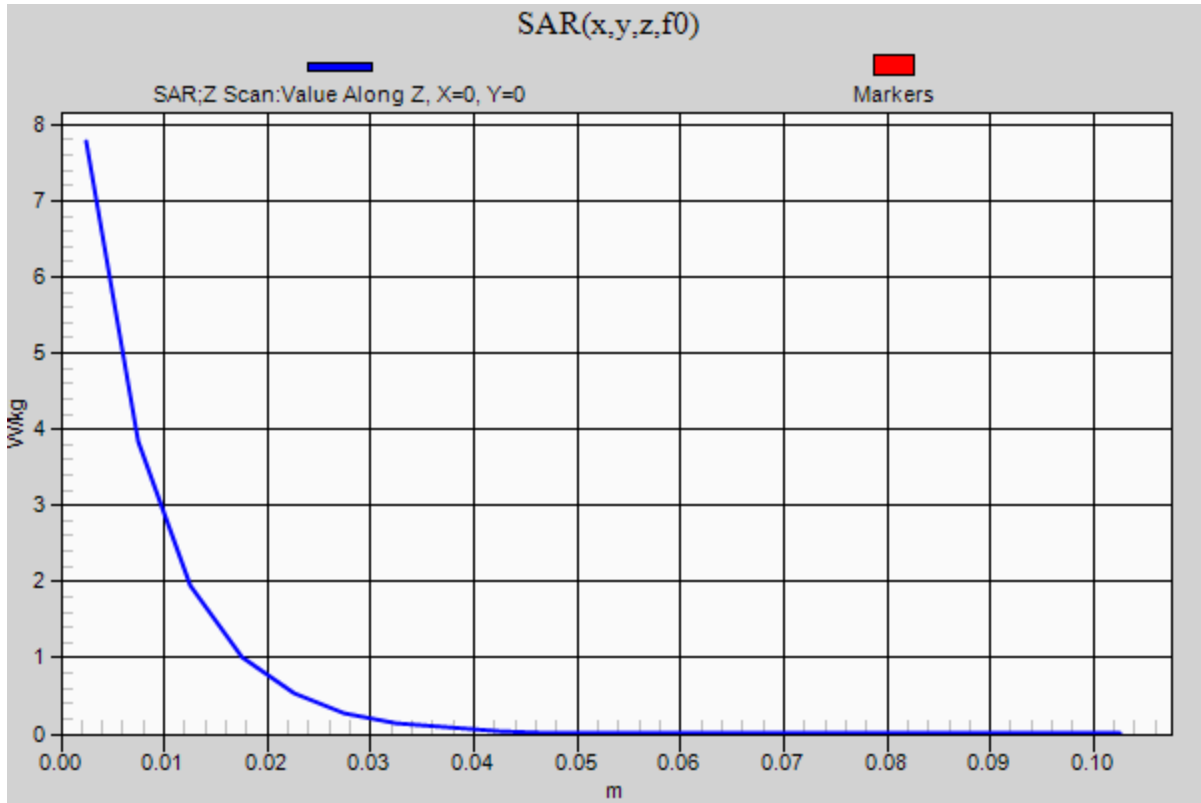


0 dB = 8.03 W/kg = 9.05 dBW/kg

### 2020-03-31 SystemPerformanceCheck-D2450V2 SN 963

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) = 7.78 W/kg



### 2020-04-03 SystemPerformanceCheck-D5GHzV2 SN 1213

Frequency: 5250 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 5250$  MHz;  $\sigma = 4.65$  S/m;  $\epsilon_r = 36.331$ ;  $\rho = 1000$  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 Sn1434; Calibrated: 11/15/2019
- Probe: EX3DV4 - SN3990; ConvF(5.51, 5.51, 5.51) @ 5250 MHz; Calibrated: 8/28/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

**Head/5.2 GHz, Pin=100mW/Area Scan (7x7x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 18.0 W/kg

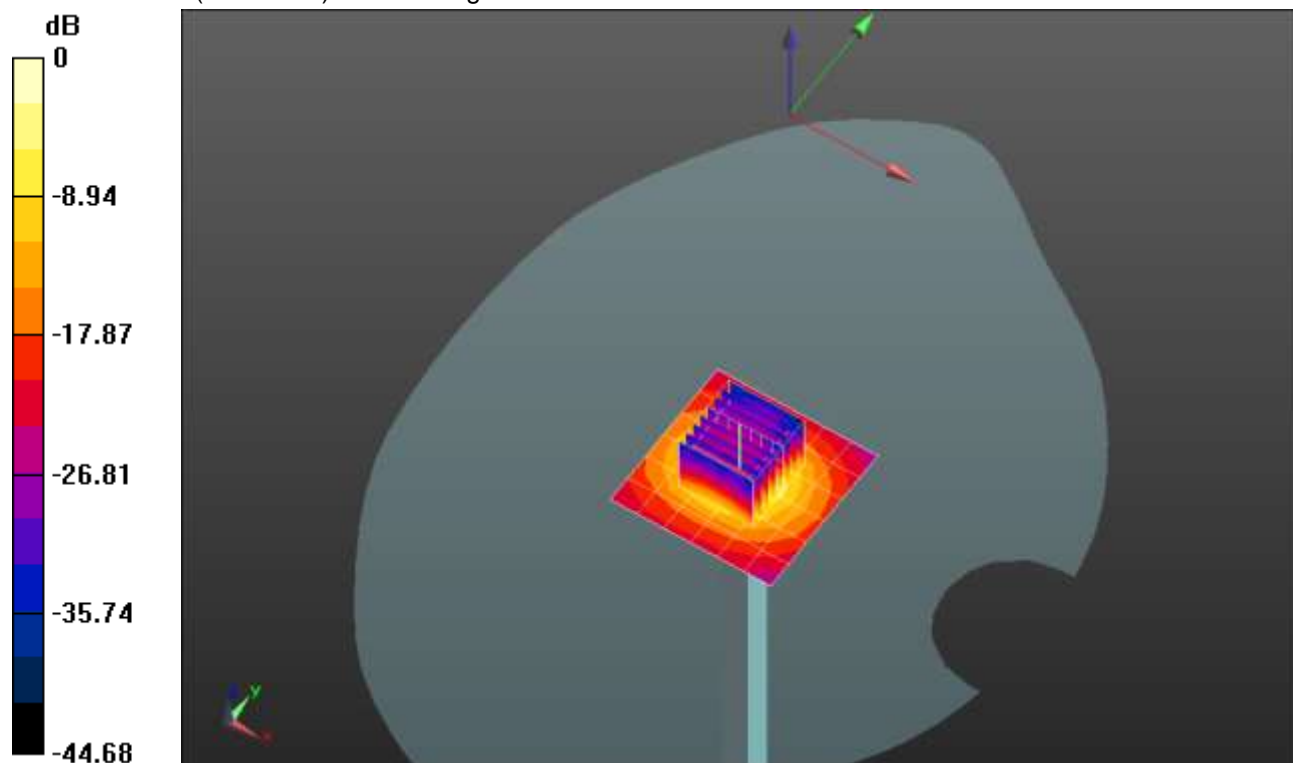
**Head/5.2 GHz, Pin=100mW/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 55.51 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 29.9 W/kg

**SAR(1 g) = 7.42 W/kg; SAR(10 g) = 2.13 W/kg**

Maximum value of SAR (measured) = 17.3 W/kg

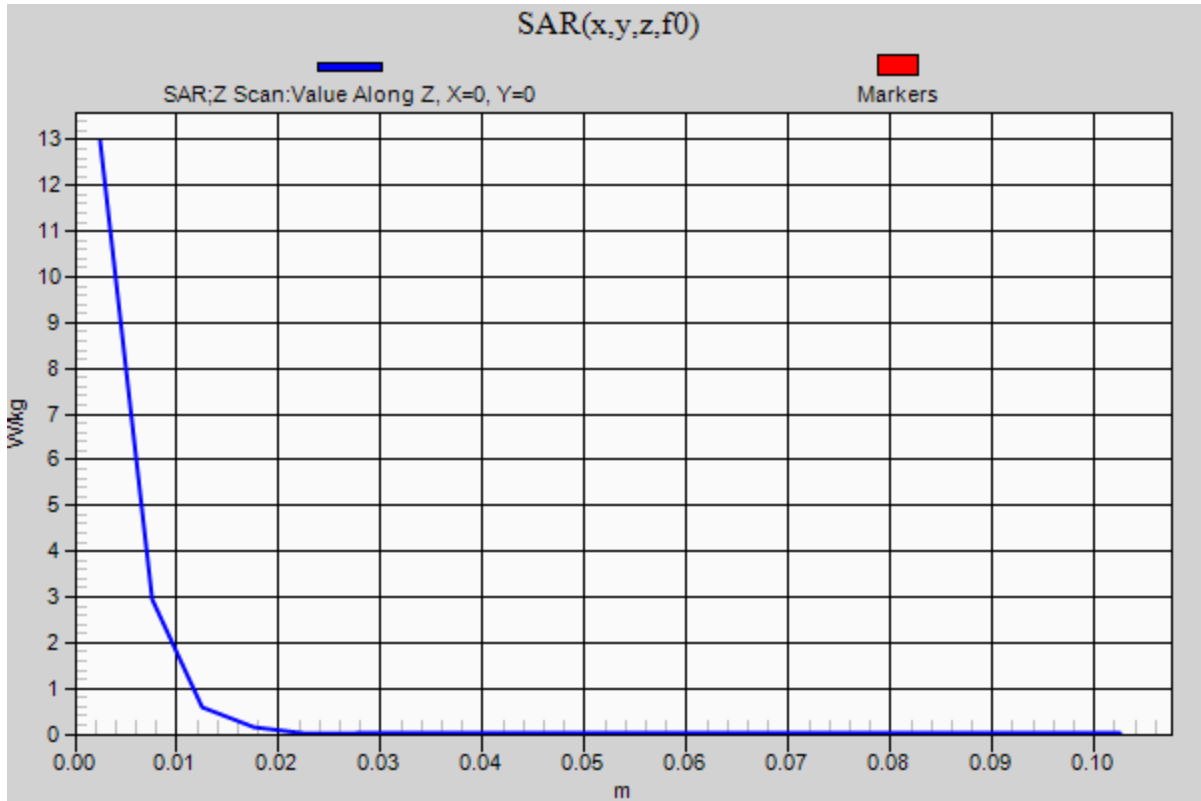


0 dB = 17.3 W/kg = 12.38 dBW/kg

### 2020-04-03 SystemPerformanceCheck-D5GHzV2 SN 1213

Frequency: 5250 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) = 13.0 W/kg





## 2020-04-03 SystemPerformanceCheck-D5GHzV2 SN 1213

Frequency: 5600 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 5600 \text{ MHz}$ ;  $\sigma = 5.072 \text{ S/m}$ ;  $\epsilon_r = 35.8$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1434; Calibrated: 11/15/2019
- Probe: EX3DV4 - SN3990; ConvF(4.9, 4.9, 4.9) @ 5600 MHz; Calibrated: 8/28/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

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

Maximum value of SAR (measured) = 20.8 W/kg

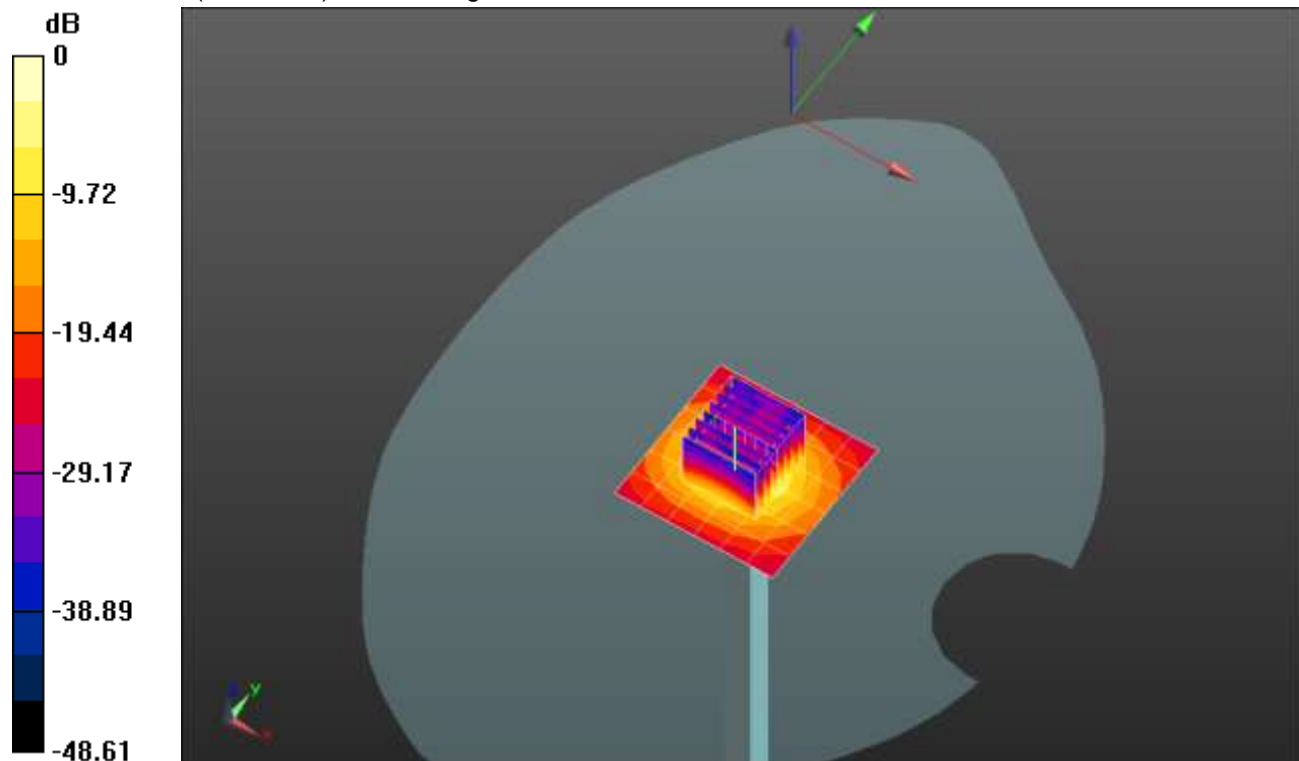
**Head/5.6 GHz, Pin=100mW/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 55.78 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 36.2 W/kg

**SAR(1 g) = 8.17 W/kg; SAR(10 g) = 2.31 W/kg**

Maximum value of SAR (measured) = 19.8 W/kg

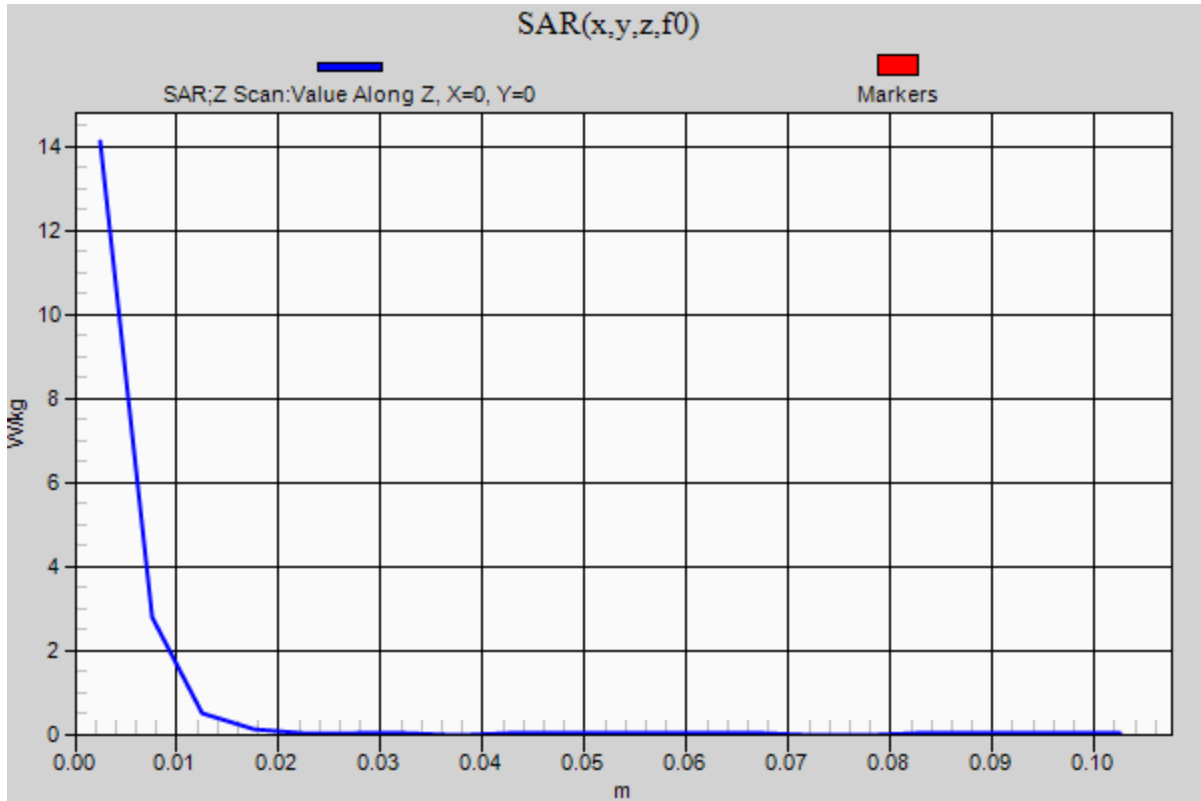


0 dB = 19.8 W/kg = 12.97 dBW/kg

### 2020-04-03 SystemPerformanceCheck-D5GHzV2 SN 1213

Frequency: 5600 MHz; Duty Cycle: 1:1

**Head/5.6 GHz, Pin=100mW/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 14.1 W/kg



### 2020-04-03 SystemPerformanceCheck-D5GHzV2 SN 1213

Frequency: 5750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 5750 \text{ MHz}$ ;  $\sigma = 5.317 \text{ S/m}$ ;  $\epsilon_r = 35.482$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1434; Calibrated: 11/15/2019
- Probe: EX3DV4 - SN3990; ConvF(5.08, 5.08, 5.08) @ 5750 MHz; Calibrated: 8/28/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

**Head/5.8 GHz, Pin=100mW/Area Scan (7x7x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 19.2 W/kg

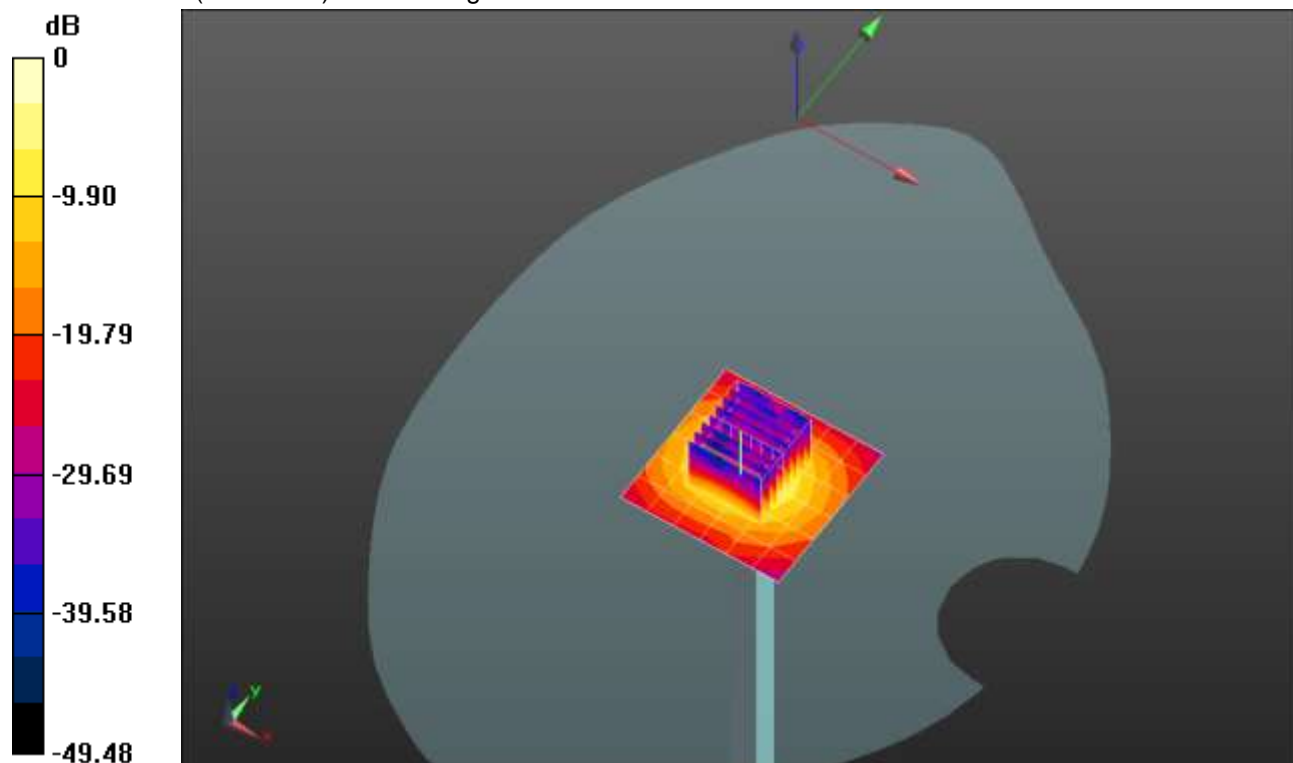
**Head/5.8 GHz, Pin=100mW/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 52.16 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 34.9 W/kg

**SAR(1 g) = 7.54 W/kg; SAR(10 g) = 2.13 W/kg**

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

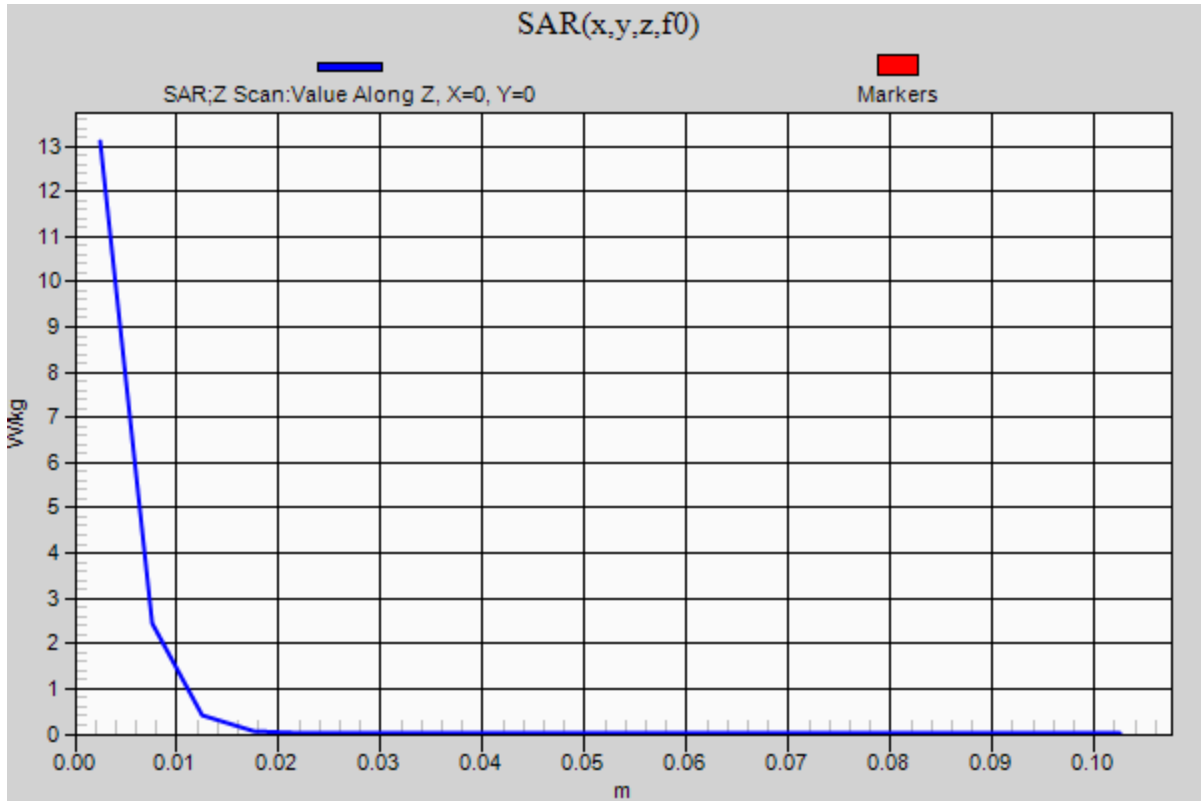


0 dB = 18.5 W/kg = 12.67 dBW/kg

### 2020-04-03 SystemPerformanceCheck-D5GHzV2 SN 1213

Frequency: 5750 MHz; Duty Cycle: 1:1

**Head/5.8 GHz, Pin=100mW/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 13.1 W/kg



## 2020-05-04 SystemPerformanceCheck-D900V2 SN 1d180 (ELI)

Frequency: 900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 900 \text{ MHz}$ ;  $\sigma = 0.926 \text{ S/m}$ ;  $\epsilon_r = 43.375$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1434; Calibrated: 11/15/2019
- Probe: EX3DV4 - SN3990; ConvF(9.67, 9.67, 9.67) @ 900 MHz; Calibrated: 8/28/2019
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx

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

Maximum value of SAR (measured) = 1.30 W/kg

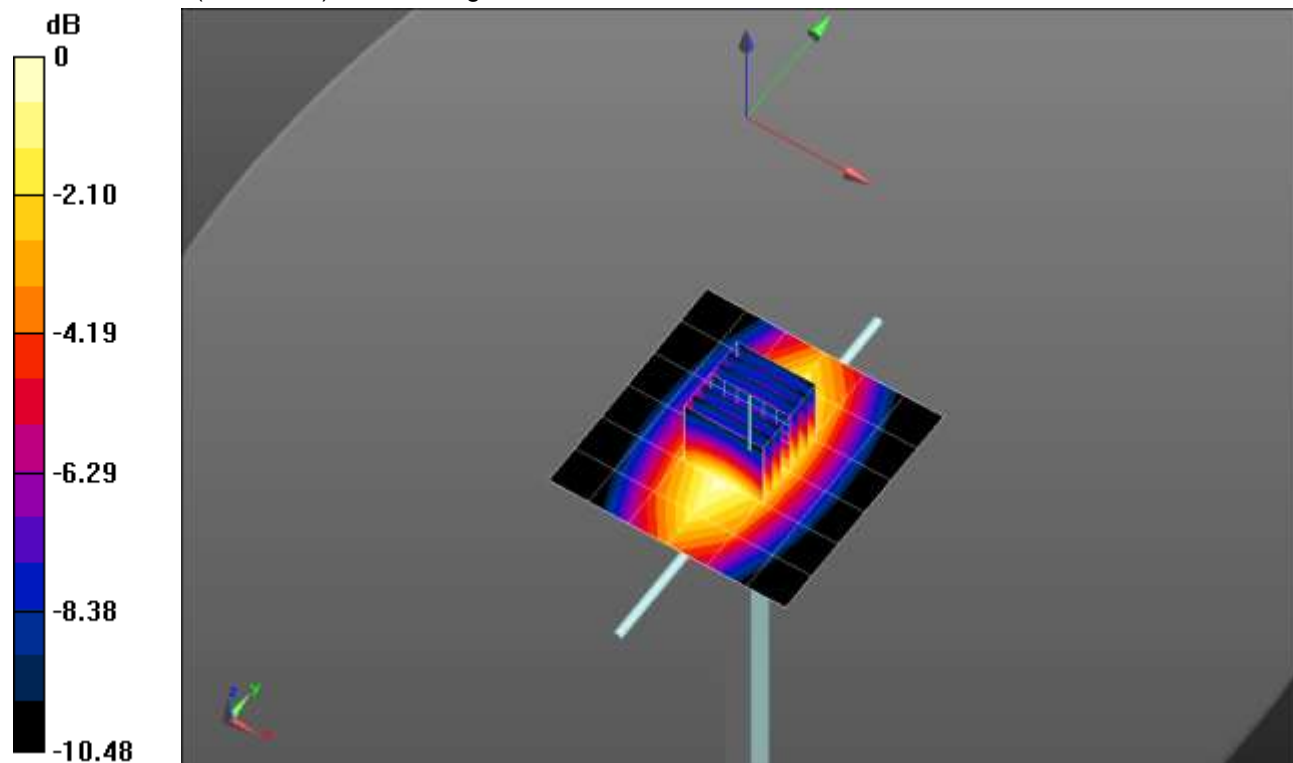
**Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 38.28 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.53 W/kg

**SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.671 W/kg**

Maximum value of SAR (measured) = 1.25 W/kg



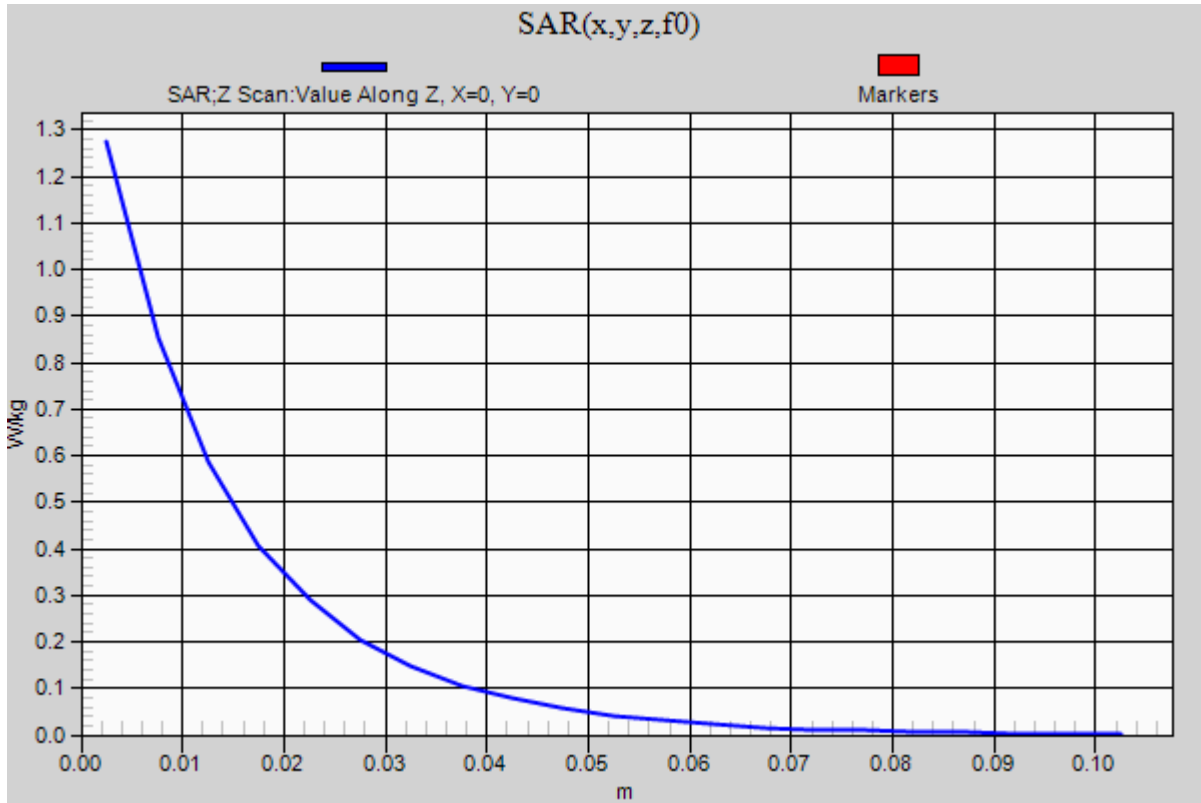
0 dB = 1.25 W/kg = 0.97 dBW/kg

### 2020-05-04 SystemPerformanceCheck-D900V2 SN 1d180 (ELI)

Frequency: 900 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) = 1.27 W/kg



### 2020-05-05 SystemPerformanceCheck-D2300V2 SN 1050

Frequency: 2300 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 2300 \text{ MHz}$ ;  $\sigma = 1.691 \text{ S/m}$ ;  $\epsilon_r = 41.156$ ;  $\rho = 1000 \text{ kg/m}^3$

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 Sn1434; Calibrated: 11/15/2019
- Probe: EX3DV4 - SN3990; ConvF(7.97, 7.97, 7.97) @ 2300 MHz; Calibrated: 8/28/2019
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx

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

Maximum value of SAR (measured) = 4.79 W/kg

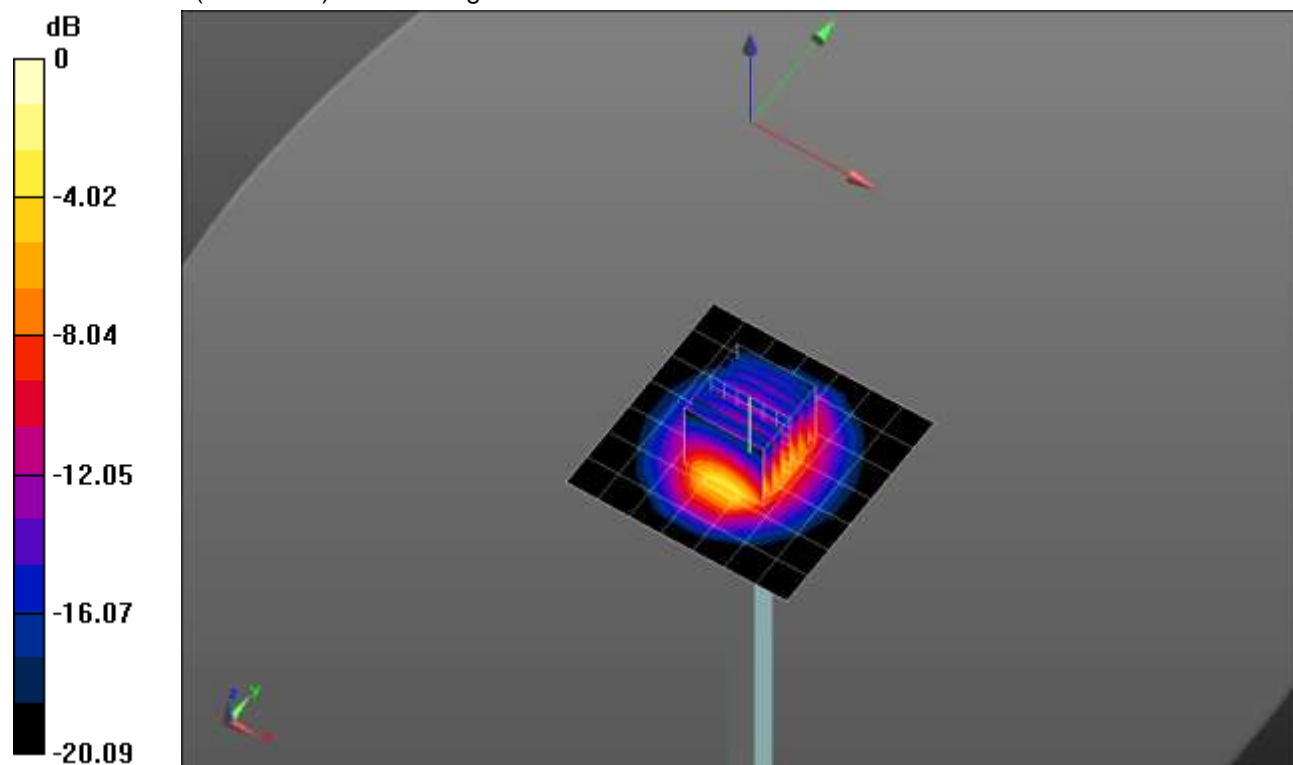
**Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 63.89 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 9.66 W/kg

**SAR(1 g) = 4.89 W/kg; SAR(10 g) = 2.35 W/kg**

Maximum value of SAR (measured) = 6.84 W/kg

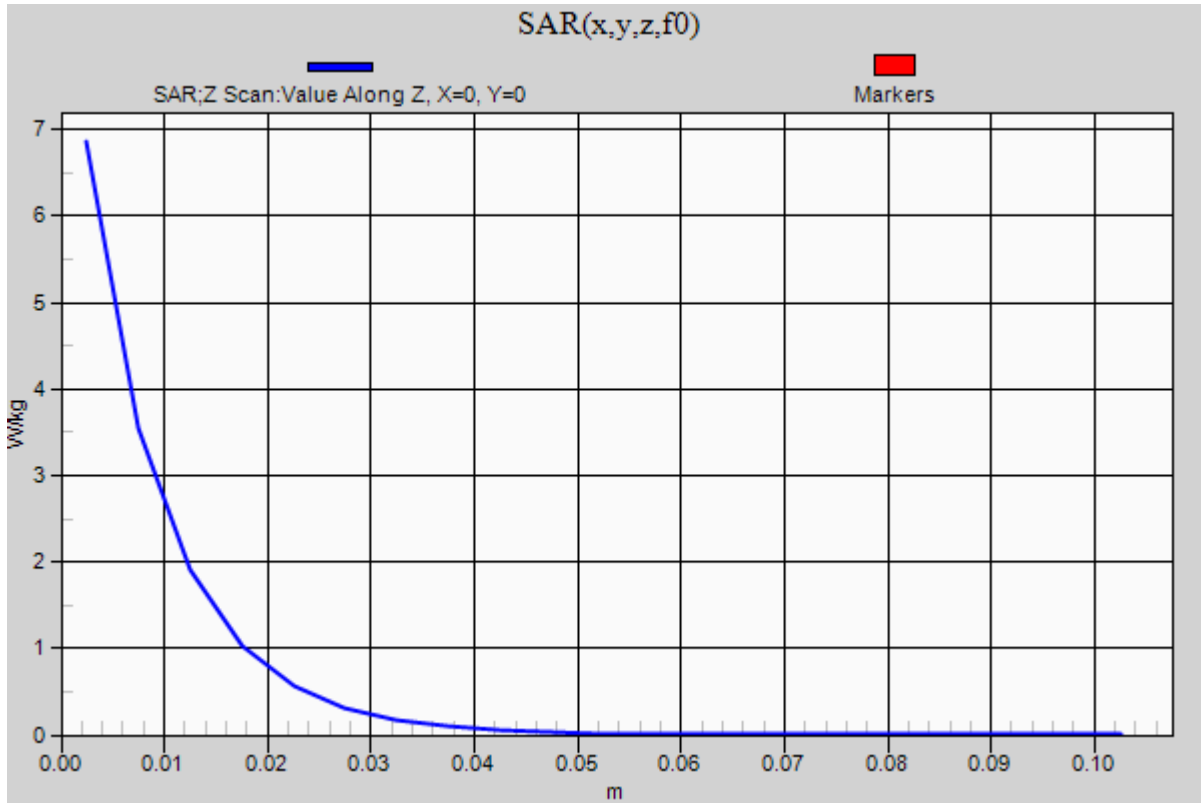


0 dB = 6.84 W/kg = 8.35 dBW/kg

### 2020-05-05 SystemPerformanceCheck-D2300V2 SN 1050

Frequency: 2300 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) = 6.86 W/kg





## 2020-05-05 SystemPerformanceCheck-D2600V2 SN 1104

Frequency: 2600 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 2600$  MHz;  $\sigma = 1.936$  S/m;  $\epsilon_r = 40.609$ ;  $\rho = 1000$  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 Sn1434; Calibrated: 11/15/2019
- Probe: EX3DV4 - SN3990; ConvF(7.59, 7.59, 7.59) @ 2600 MHz; Calibrated: 8/28/2019
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx

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

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

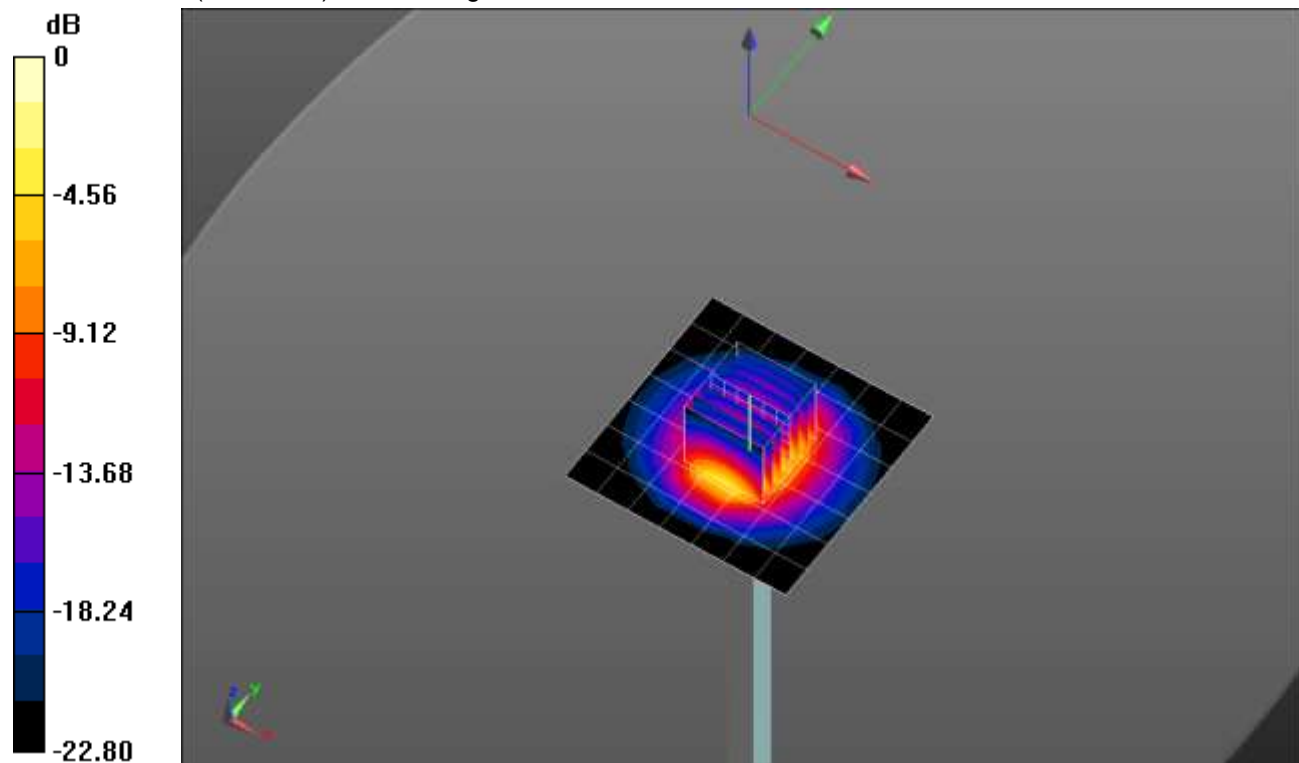
**Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 63.93 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 11.4 W/kg

**SAR(1 g) = 5.41 W/kg; SAR(10 g) = 2.43 W/kg**

Maximum value of SAR (measured) = 7.78 W/kg



0 dB = 7.78 W/kg = 8.91 dBW/kg

### 2020-05-05 SystemPerformanceCheck-D2600V2 SN 1104

Frequency: 2600 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) = 7.74 W/kg

