

## 20220717\_SystemPerformanceCheck-D2450V2 SN 706

Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.87$  S/m;  $\epsilon_r = 37.938$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/20/2021
- Probe: EX3DV4 - SN3885; ConvF(7.39, 7.39, 7.39) @ 2450 MHz; Calibrated: 9/23/2021
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

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

Maximum value of SAR (measured) = 6.88 W/kg

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

Reference Value = 64.19 V/m; Power Drift = -0.12 dB

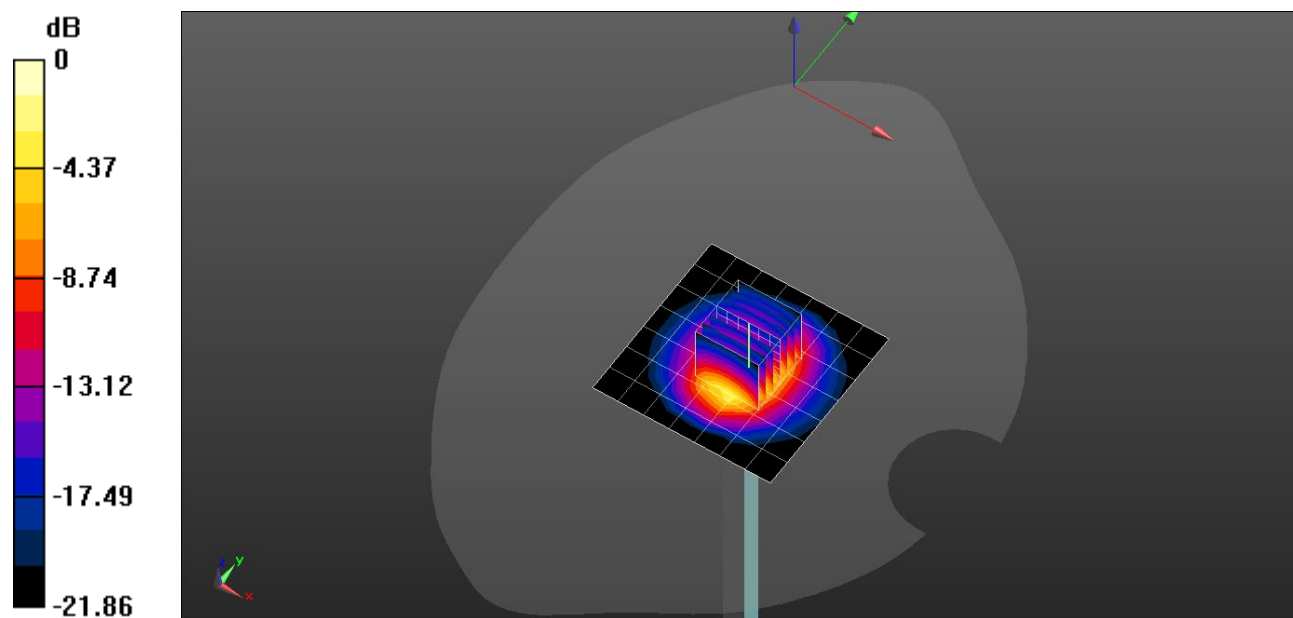
Peak SAR (extrapolated) = 12.1 W/kg

**SAR(1 g) = 5.66 W/kg; SAR(10 g) = 2.62 W/kg**

Smallest distance from peaks to all points 3 dB below = 9.5 mm

Ratio of SAR at M2 to SAR at M1 = 47.4%

Maximum value of SAR (measured) = 8.14 W/kg



0 dB = 8.14 W/kg = 9.11 dBW/kg

## 20220721\_SystemPerformanceCheck-D2450V2 SN 706

Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.845$  S/m;  $\epsilon_r = 41.088$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/20/2021
- Probe: EX3DV4 - SN3885; ConvF(7.39, 7.39, 7.39) @ 2450 MHz; Calibrated: 9/23/2021
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

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

Maximum value of SAR (measured) = 7.46 W/kg

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

Reference Value = 65.83 V/m; Power Drift = -0.00 dB

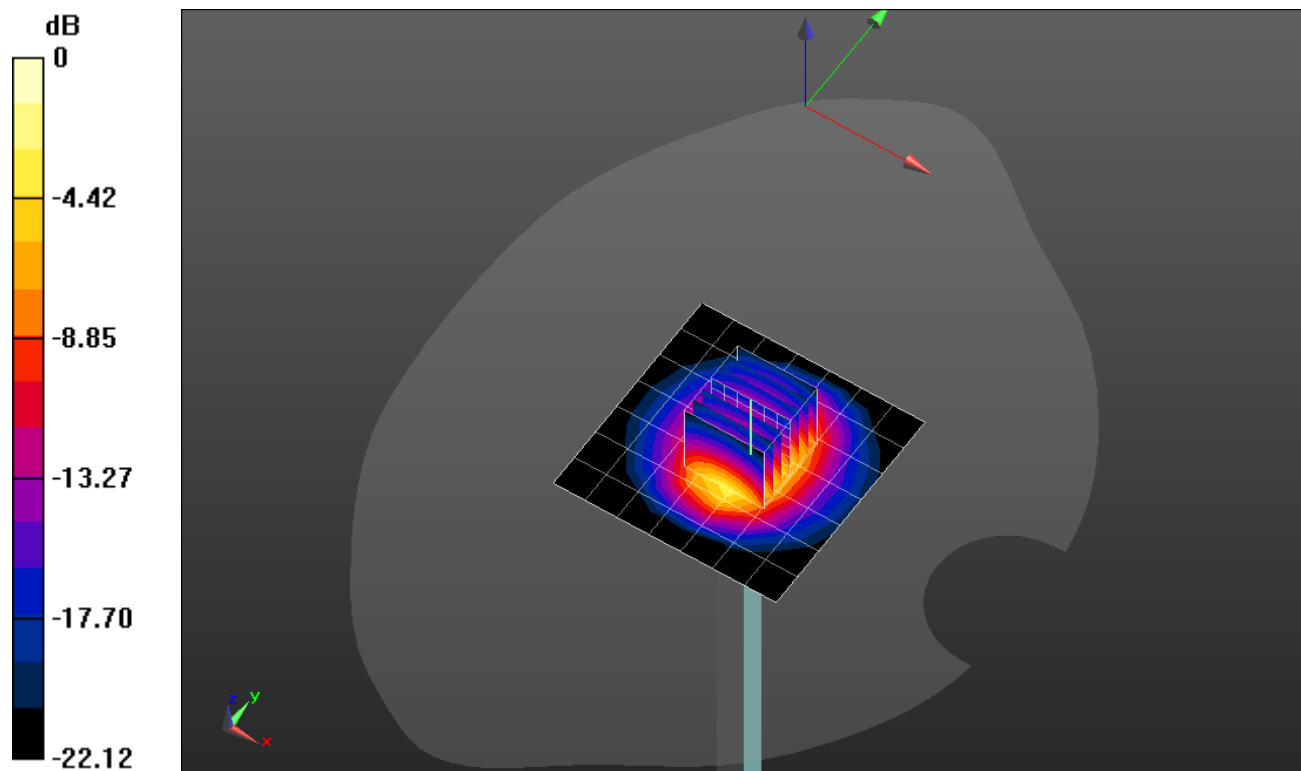
Peak SAR (extrapolated) = 12.1 W/kg

**SAR(1 g) = 5.72 W/kg; SAR(10 g) = 2.64 W/kg**

Smallest distance from peaks to all points 3 dB below = 10 mm

Ratio of SAR at M2 to SAR at M1 = 47.8%

Maximum value of SAR (measured) = 8.19 W/kg



0 dB = 8.19 W/kg = 9.13 dBW/kg

## 20220717\_SystemPerformanceCheck-D5GHzV2 SN 1168

Frequency: 5750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 5750$  MHz;  $\sigma = 5.124$  S/m;  $\epsilon_r = 35.38$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1544; Calibrated: 1/7/2022
- Probe: EX3DV4 - SN7448; ConvF(4.6, 4.6, 4.6) @ 5750 MHz; Calibrated: 2/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1831

**Head/5.75 GHz, Pin=100mW/Area Scan (7x7x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (measured) = 16.5 W/kg

**Head/5.75 GHz, Pin=100mW/Zoom Scan (8x8x8)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 49.64 V/m; Power Drift = 0.09 dB

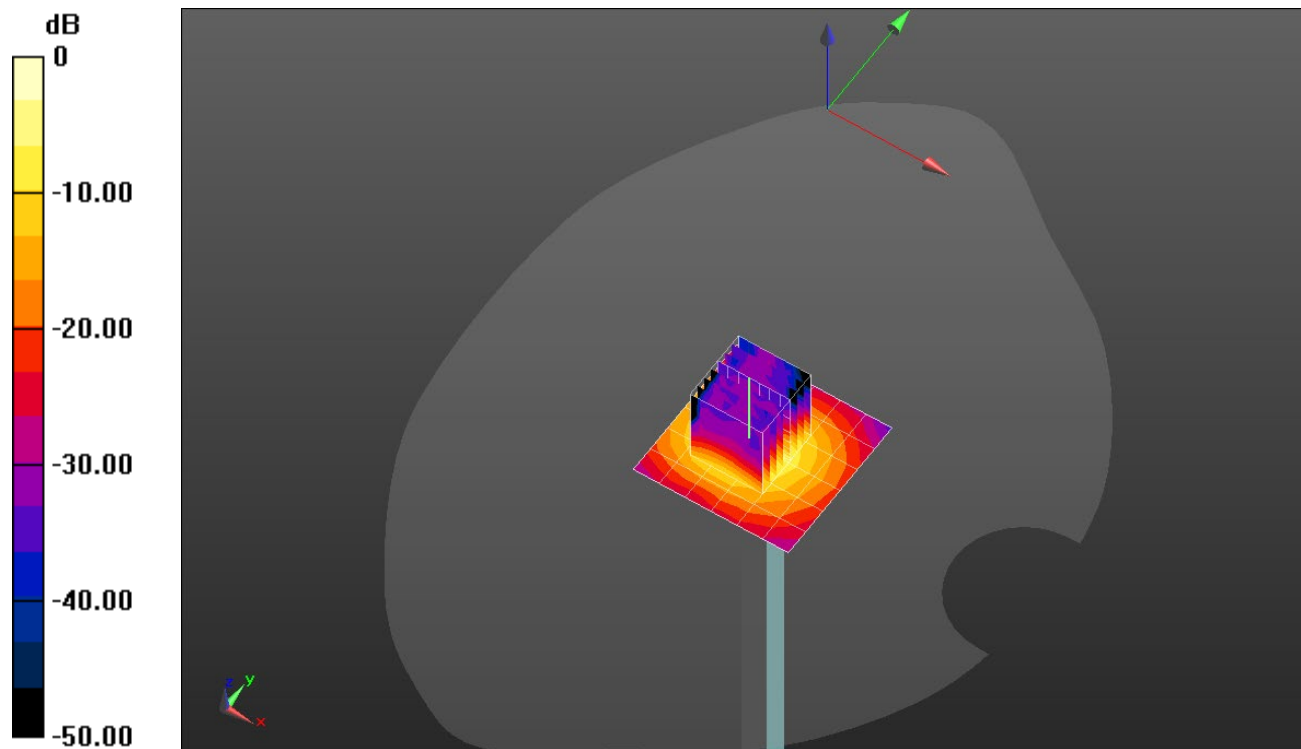
Peak SAR (extrapolated) = 37.5 W/kg

**SAR(1 g) = 8.33 W/kg; SAR(10 g) = 2.41 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.5 mm

Ratio of SAR at M2 to SAR at M1 = 61.9%

Maximum value of SAR (measured) = 20.1 W/kg



0 dB = 20.1 W/kg = 13.03 dBW/kg

## 20220721\_SystemPerformanceCheck-D5GHzV2 SN 1168

Frequency: 5750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 5750 \text{ MHz}$ ;  $\sigma = 4.97 \text{ S/m}$ ;  $\epsilon_r = 36.557$ ;  $\rho = 1000 \text{ kg/m}^3$

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1544; Calibrated: 1/7/2022
- Probe: EX3DV4 - SN7448; ConvF(4.6, 4.6, 4.6) @ 5750 MHz; Calibrated: 2/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1831

**Head/5.75 GHz, Pin=100mW/Area Scan (7x7x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (measured) = 16.8 W/kg

**Head/5.75 GHz, Pin=100mW/Zoom Scan (8x8x8)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 49.41 V/m; Power Drift = 0.08 dB

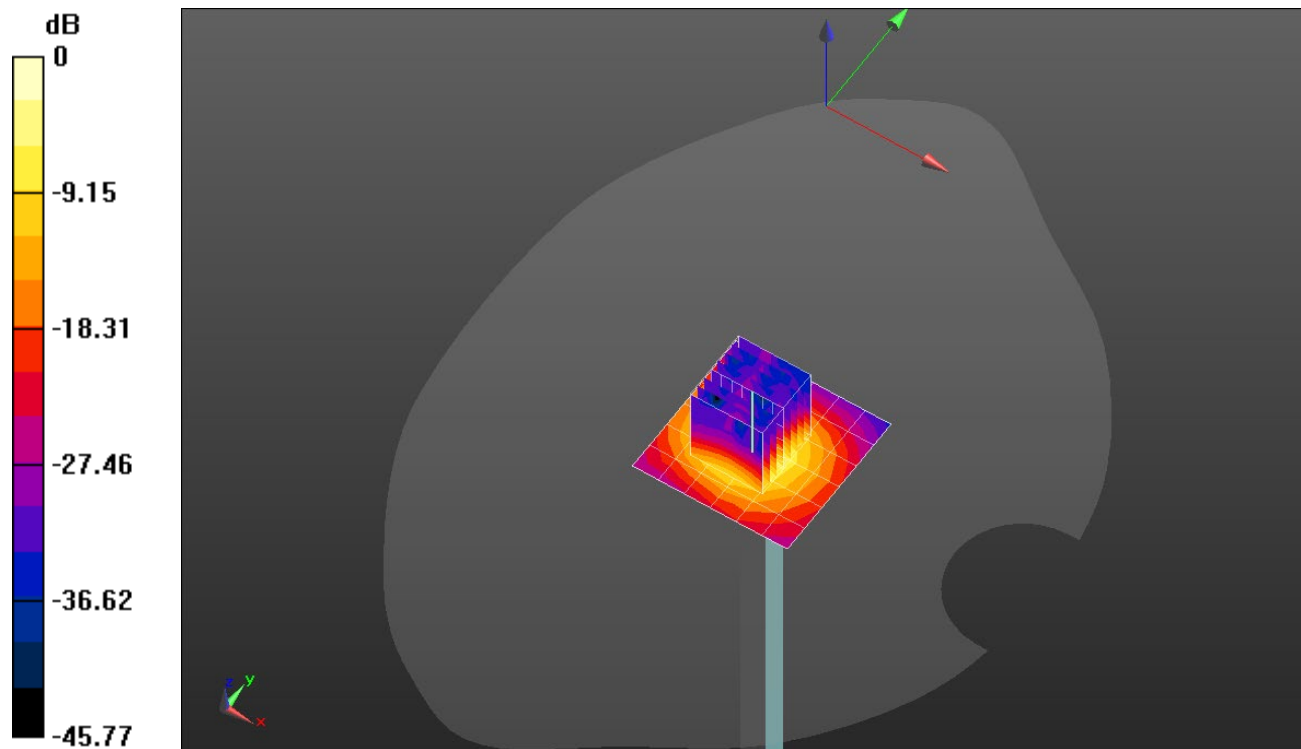
Peak SAR (extrapolated) = 34.9 W/kg

**SAR(1 g) = 8.13 W/kg; SAR(10 g) = 2.4 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.4 mm

Ratio of SAR at M2 to SAR at M1 = 62.8%

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



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

## 20220729\_SystemPerformanceCheck-D5GHzV2 SN 1168

Frequency: 5750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used:  $f = 5750$  MHz;  $\sigma = 4.968$  S/m;  $\epsilon_r = 36.677$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1544; Calibrated: 1/7/2022
- Probe: EX3DV4 - SN7448; ConvF(4.6, 4.6, 4.6) @ 5750 MHz; Calibrated: 2/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1831

**Head/5.75 GHz, Pin=100mW 2 2/Area Scan (7x7x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 18.9 W/kg

**Head/5.75 GHz, Pin=100mW 2 2/Zoom Scan (8x8x8)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 52.25 V/m; Power Drift = -0.10 dB

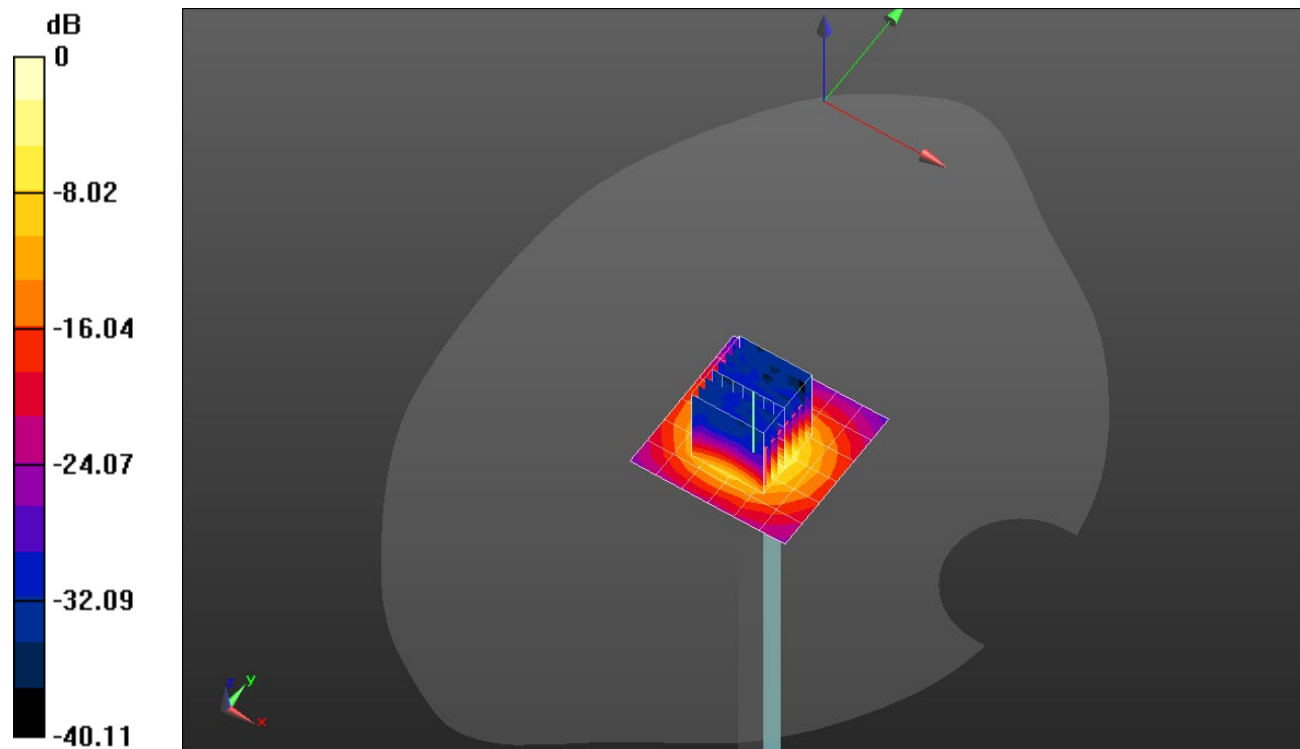
Peak SAR (extrapolated) = 37.0 W/kg

**SAR(1 g) = 8.12 W/kg; SAR(10 g) = 2.39 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 61%

Maximum value of SAR (measured) = 19.6 W/kg



0 dB = 19.6 W/kg = 12.92 dBW/kg

## 20220721\_SystemPerformanceCheck-D3500V2 SN 1011

Frequency: 3500 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 3500$  MHz;  $\sigma = 2.812$  S/m;  $\epsilon_r = 37.223$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1433; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN3929; ConvF(6.5, 6.5, 6.5) @ 3500 MHz; Calibrated: 3/23/2022
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 Ax; Serial: xxxx

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

Maximum value of SAR (measured) = 6.99 W/kg

**Head/Pin=100 mW/Zoom Scan (8x8x8)/Cube 0:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 57.55 V/m; Power Drift = 0.08 dB

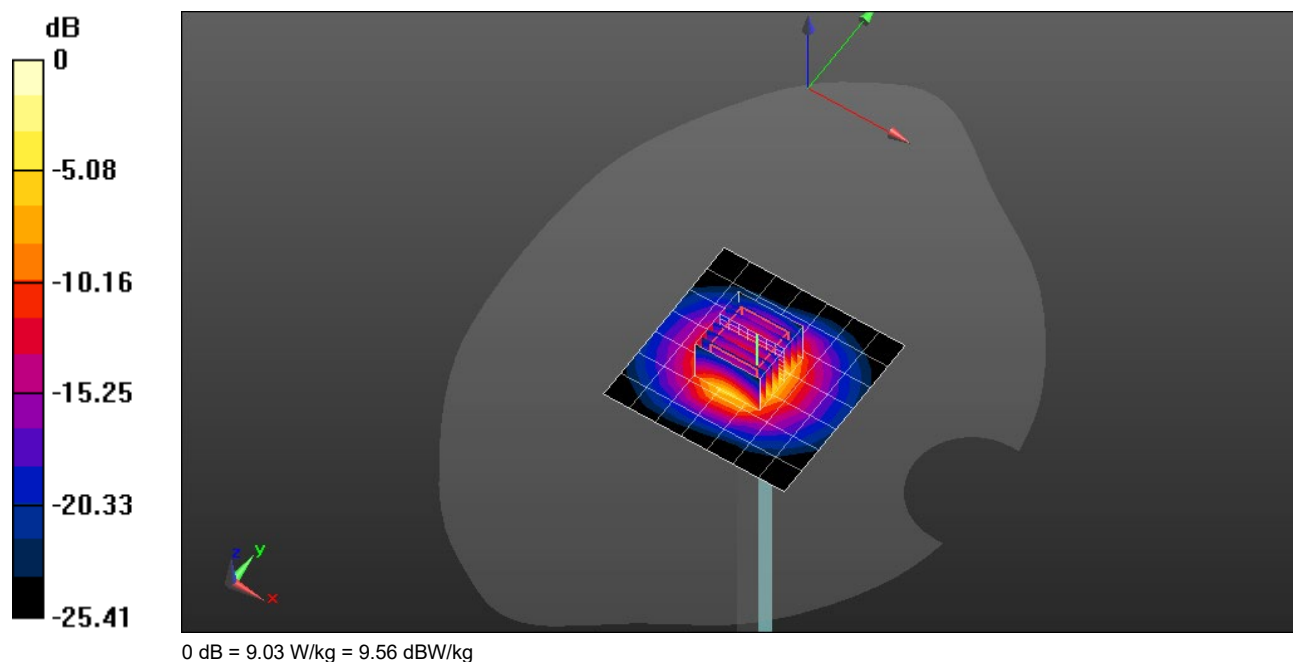
Peak SAR (extrapolated) = 15.8 W/kg

**SAR(1 g) = 6.07 W/kg; SAR(10 g) = 2.33 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 56.1%

Maximum value of SAR (measured) = 9.03 W/kg



## 20220721\_SystemPerformanceCheck-D3500V2 SN 1060

Frequency: 3500 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 3500 \text{ MHz}$ ;  $\sigma = 2.83 \text{ S/m}$ ;  $\epsilon_r = 38.245$ ;  $\rho = 1000 \text{ kg/m}^3$

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4ip Sn1621; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3990; ConvF(6.92, 6.92, 6.92) @ 3500 MHz; Calibrated: 2/25/2022
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Type: QD 000 P41 Ax; Serial: xxxx

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

Maximum value of SAR (measured) = 8.76 W/kg

**Head/Pin=100 mW/Zoom Scan (8x8x8)/Cube 0:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 60.69 V/m; Power Drift = 0.00 dB

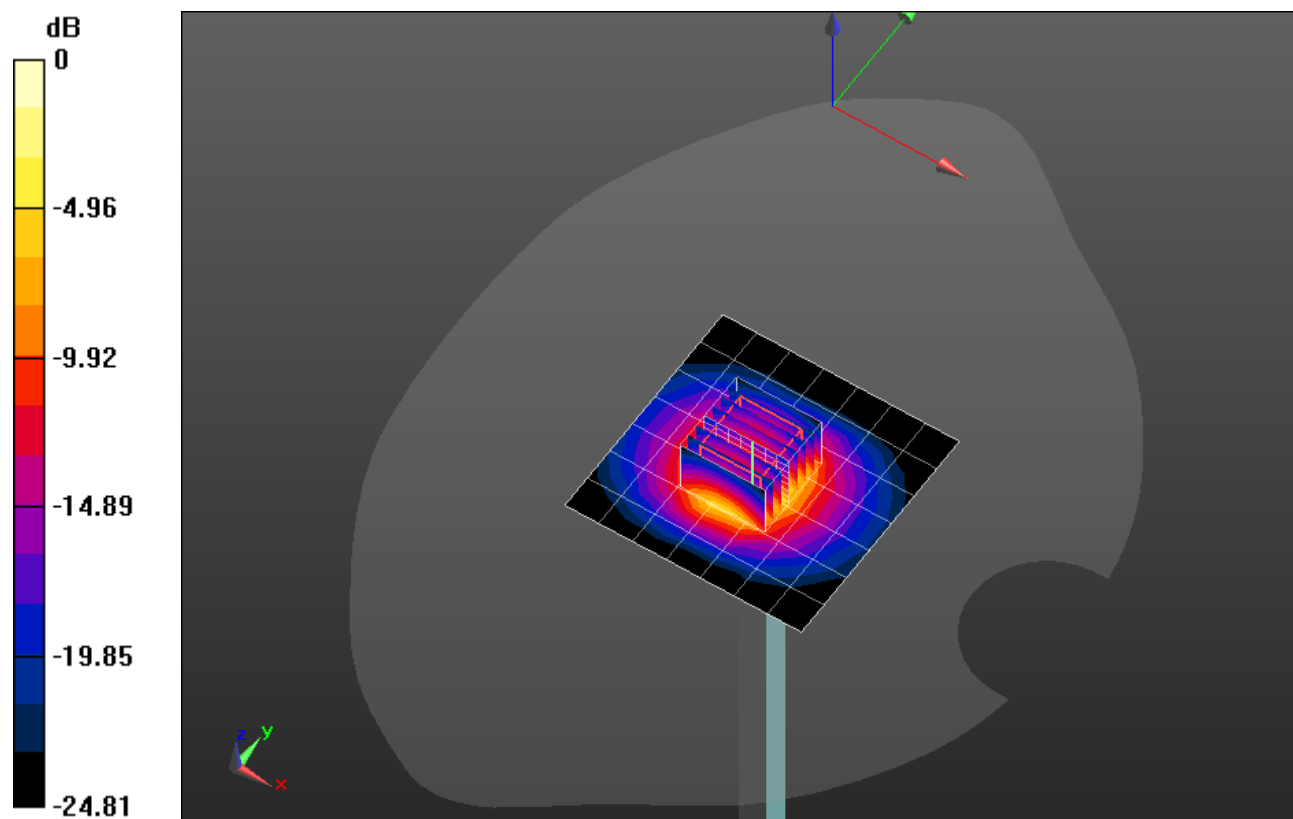
Peak SAR (extrapolated) = 17.5 W/kg

**SAR(1 g) = 6.79 W/kg; SAR(10 g) = 2.6 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 56.3%

Maximum value of SAR (measured) = 10.1 W/kg



0 dB = 10.1 W/kg = 10.04 dBW/kg

## 20220718\_SystemPerformanceCheck-D1640V2 SN 324

Frequency: 1640 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
 Medium parameters used:  $f = 1640$  MHz;  $\sigma = 1.293$  S/m;  $\epsilon_r = 39.907$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1380; Calibrated: 8/11/2021
- Probe: EX3DV4 - SN3686; ConvF(7.68, 7.68, 7.68) @ 1640 MHz; Calibrated: 1/18/2022
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

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

Maximum value of SAR (measured) = 4.30 W/kg

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

Reference Value = 37.65 V/m; Power Drift = 0.15 dB

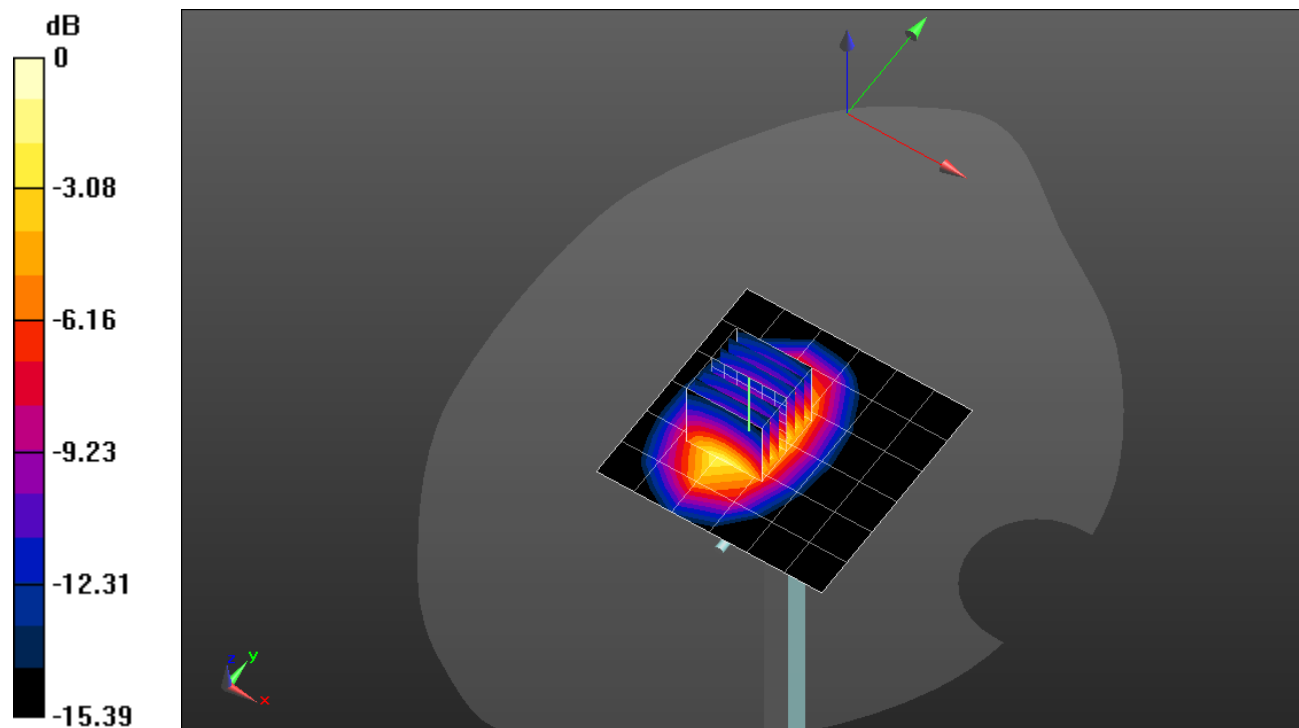
Peak SAR (extrapolated) = 6.54 W/kg

**SAR(1 g) = 3.55 W/kg; SAR(10 g) = 1.94 W/kg**

Smallest distance from peaks to all points 3 dB below = 11 mm

Ratio of SAR at M2 to SAR at M1 = 56.1%

Maximum value of SAR (measured) = 4.72 W/kg



0 dB = 4.72 W/kg = 6.74 dBW/kg