

## 20230828\_SystemPerformanceCheck D3500V2 SN1121

Frequency: 3500 MHz; Communication System Channel Number: 0; Duty Cycle: 1:1

Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used:  $f = 3500$  MHz;  $\sigma = 2.912$  S/m;  $\epsilon_r = 39.555$ ;  $\rho = 1000$  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 0.012W/kg
- Electronics: DAE4 Sn1591; Calibrated: 3/22/2023
- Probe: EX3DV4 - SN7645; ConvF(6, 6, 6) @ 3500 MHz; Calibrated: 11/15/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Phantom section: Flat Section; Type: QDOVA003AA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Head/Pin=100mW/Area Scan (6x7x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 9.45 W/kg

**Head/Pin=100mW/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 72.99 V/m; Power Drift = -0.03 dB

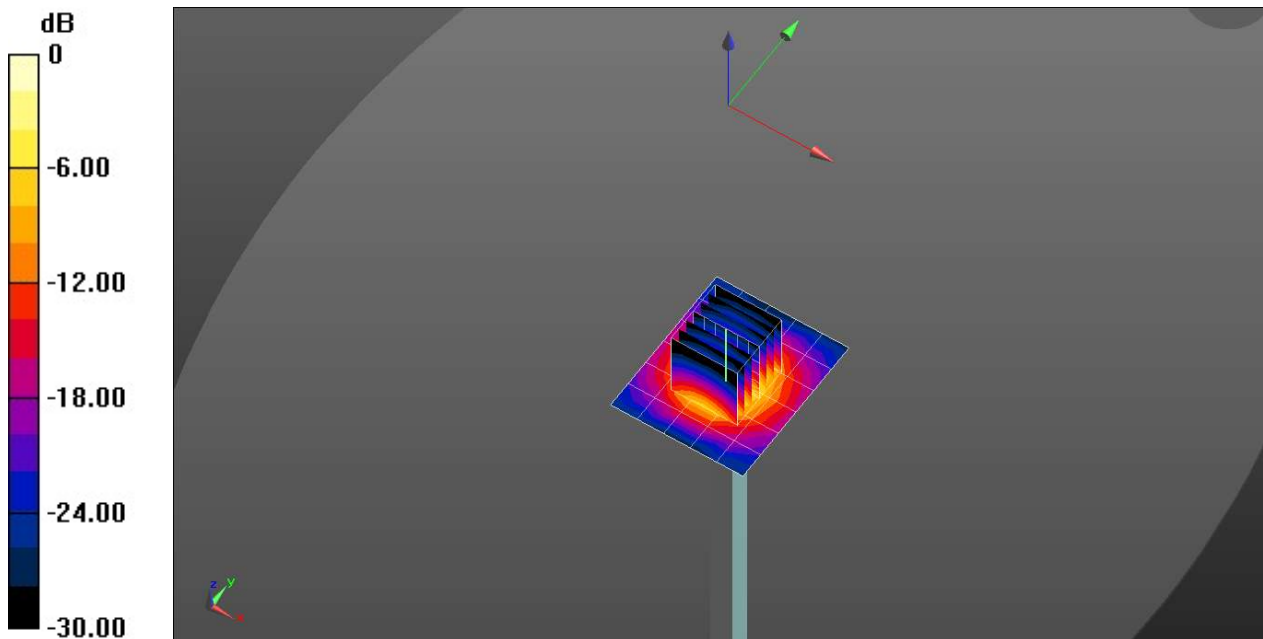
Peak SAR (extrapolated) = 19.0 W/kg

**SAR(1 g) = 7.13 W/kg; SAR(10 g) = 2.7 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.1 mm

Ratio of SAR at M2 to SAR at M1 = 74.8%

Maximum value of SAR (measured) = 13.8 W/kg



0 dB = 13.8 W/kg = 11.40 dBW/kg

## 20230828\_SystemPerformanceCheck D3700V2 SN1036

Frequency: 3700 MHz; Communication System Channel Number: 0; Duty Cycle: 1:1  
Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
Medium parameters used:  $f = 3700$  MHz;  $\sigma = 3.117$  S/m;  $\epsilon_r = 39.216$ ;  $\rho = 1000$  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 0.012W/kg
- Electronics: DAE4 Sn1591; Calibrated: 3/22/2023
- Probe: EX3DV4 - SN7645; ConvF(5.72, 5.72, 5.72) @ 3700 MHz; Calibrated: 11/15/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Phantom section: Flat Section; Type: QDOVA003AA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

### Head/Pin=100mW/Area Scan (5x7x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 12.5 W/kg

### Head/Pin=100mW/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 66.90 V/m; Power Drift = -0.05 dB

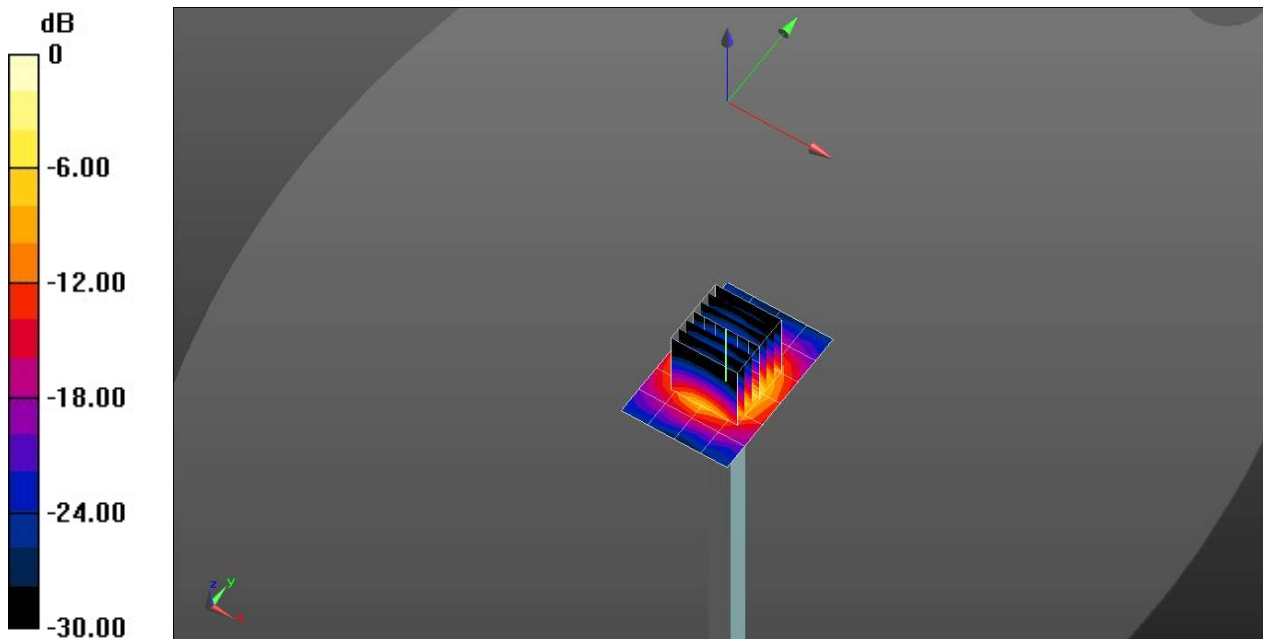
Peak SAR (extrapolated) = 17.8 W/kg

**SAR(1 g) = 6.31 W/kg; SAR(10 g) = 2.3 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 73.3%

Maximum value of SAR (measured) = 12.6 W/kg



0 dB = 12.6 W/kg = 11.00 dBW/kg

## 20230828\_SystemPerformanceCheck D3900V2 SN1069

Frequency: 3900 MHz; Communication System Channel Number: 0; Duty Cycle: 1:1

Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used:  $f = 3900$  MHz;  $\sigma = 3.331$  S/m;  $\epsilon_r = 38.859$ ;  $\rho = 1000$  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 0.012W/kg
- Electronics: DAE4 Sn1591; Calibrated: 3/22/2023
- Probe: EX3DV4 - SN7645; ConvF(5.69, 5.69, 5.69) @ 3900 MHz; Calibrated: 11/15/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Phantom section: Flat Section; Type: QDOVA003AA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Head/Pin=100mW/Area Scan (5x7x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 13.4 W/kg

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

Reference Value = 69.78 V/m; Power Drift = 0.10 dB

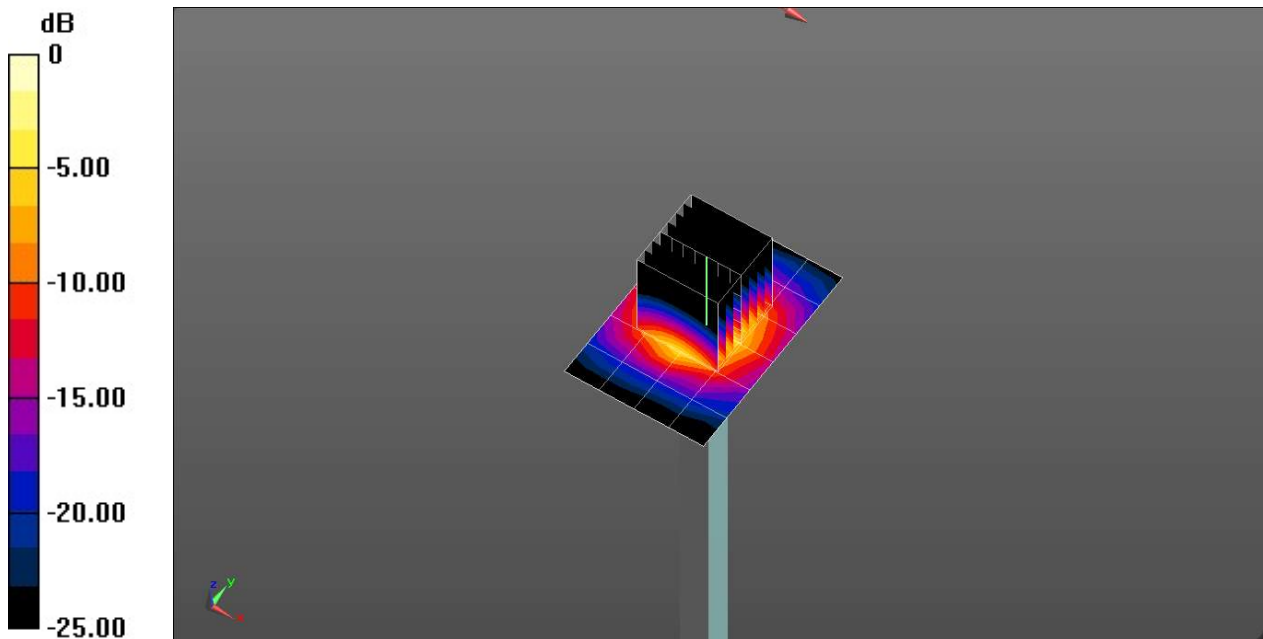
Peak SAR (extrapolated) = 18.9 W/kg

**SAR(1 g) = 6.83 W/kg; SAR(10 g) = 2.42 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 74.9%

Maximum value of SAR (measured) = 13.3 W/kg



0 dB = 13.3 W/kg = 11.24 dBW/kg