

20220710_SystemPerformanceCheck-D1900V2 SN 5d163

Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.453$ S/m; $\epsilon_r = 39.319$; $\rho = 1000$ kg/m³

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 Sn1546; Calibrated: 3/22/2022
- Probe: EX3DV4 - SN7501; ConvF(8.31, 8.31, 8.31) @ 1900 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

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

Maximum value of SAR (measured) = 4.64 W/kg

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

Reference Value = 56.22 V/m; Power Drift = -0.11 dB

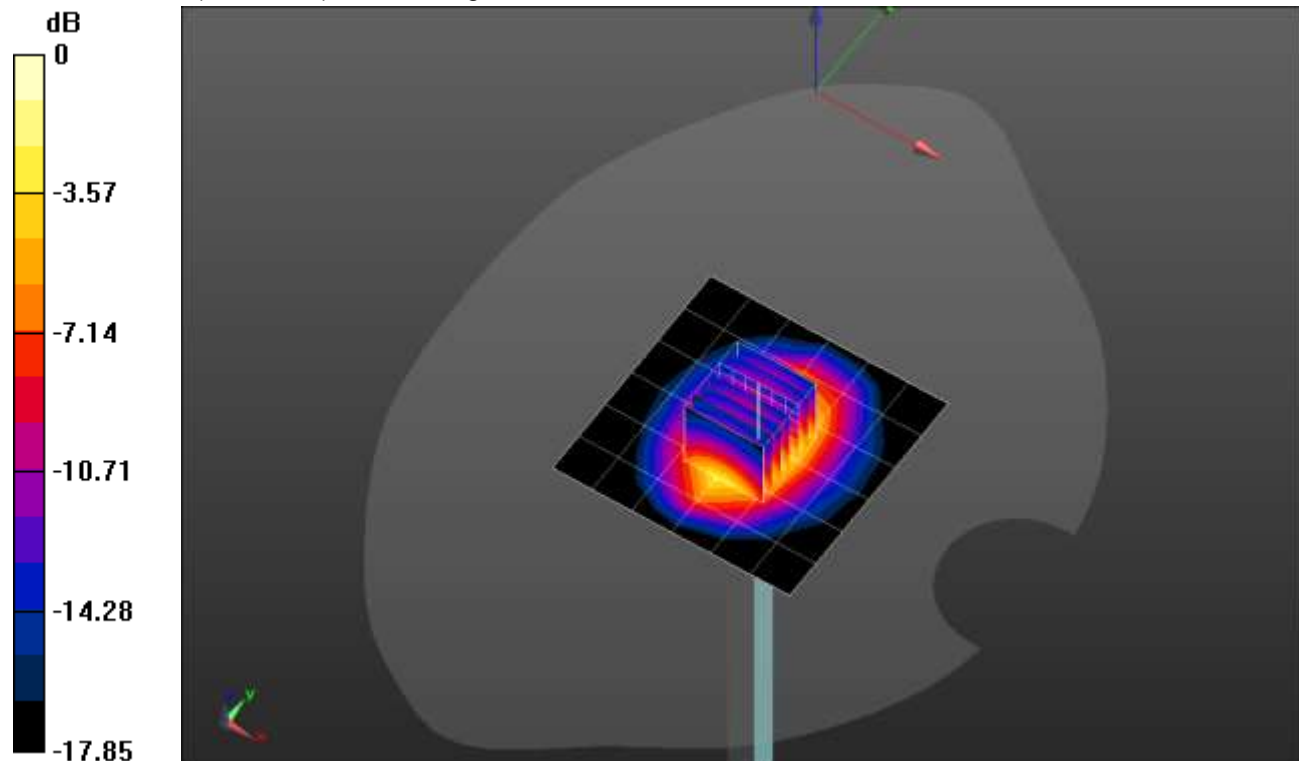
Peak SAR (extrapolated) = 6.59 W/kg

SAR(1 g) = 3.7 W/kg; SAR(10 g) = 1.98 W/kg

Smallest distance from peaks to all points 3 dB below = 11.4 mm

Ratio of SAR at M2 to SAR at M1 = 56.9%

Maximum value of SAR (measured) = 4.91 W/kg



0 dB = 4.91 W/kg = 6.91 dBW/kg

20220717_SystemPerformanceCheck-D1750V2 SN 1077

Frequency: 1750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 1750$ MHz; $\sigma = 1.409$ S/m; $\epsilon_r = 39.593$; $\rho = 1000$ kg/m³

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 Sn1258; Calibrated: 3/18/2022
- Probe: EX3DV4 - SN7498; ConvF(8.73, 8.73, 8.73) @ 1750 MHz; Calibrated: 3/24/2022
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

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

Maximum value of SAR (measured) = 4.91 W/kg

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

Reference Value = 59.71 V/m; Power Drift = 0.03 dB

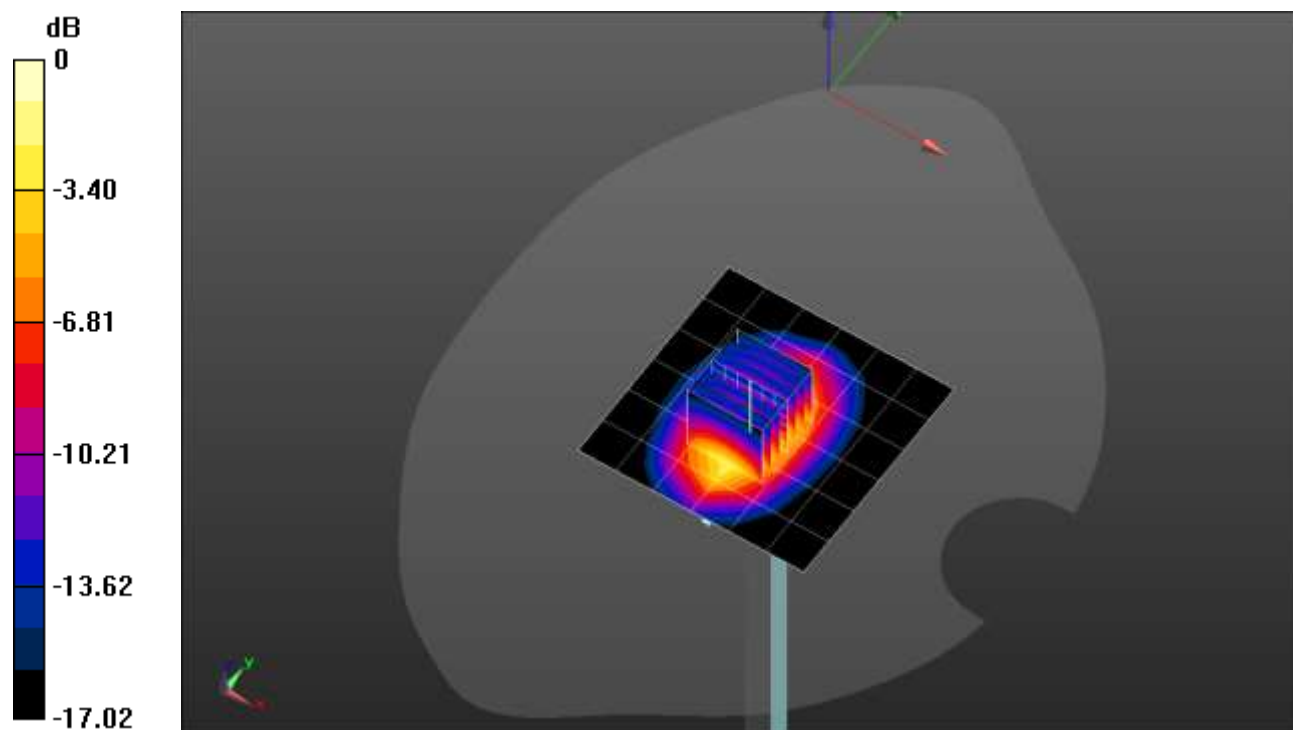
Peak SAR (extrapolated) = 7.36 W/kg

SAR(1 g) = 3.91 W/kg; SAR(10 g) = 2.06 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 53.9%

Maximum value of SAR (measured) = 5.27 W/kg



0 dB = 5.27 W/kg = 7.22 dBW/kg

20220710_SystemPerformanceCheck-D1900V2 SN 5d163

Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 1900$ MHz; $\sigma = 1.423$ S/m; $\epsilon_r = 41.562$; $\rho = 1000$ kg/m³

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 Sn1545; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7500; ConvF(8.1, 8.1, 8.1) @ 1900 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

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

Maximum value of SAR (measured) = 4.45 W/kg

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

Reference Value = 56.33 V/m; Power Drift = 0.14 dB

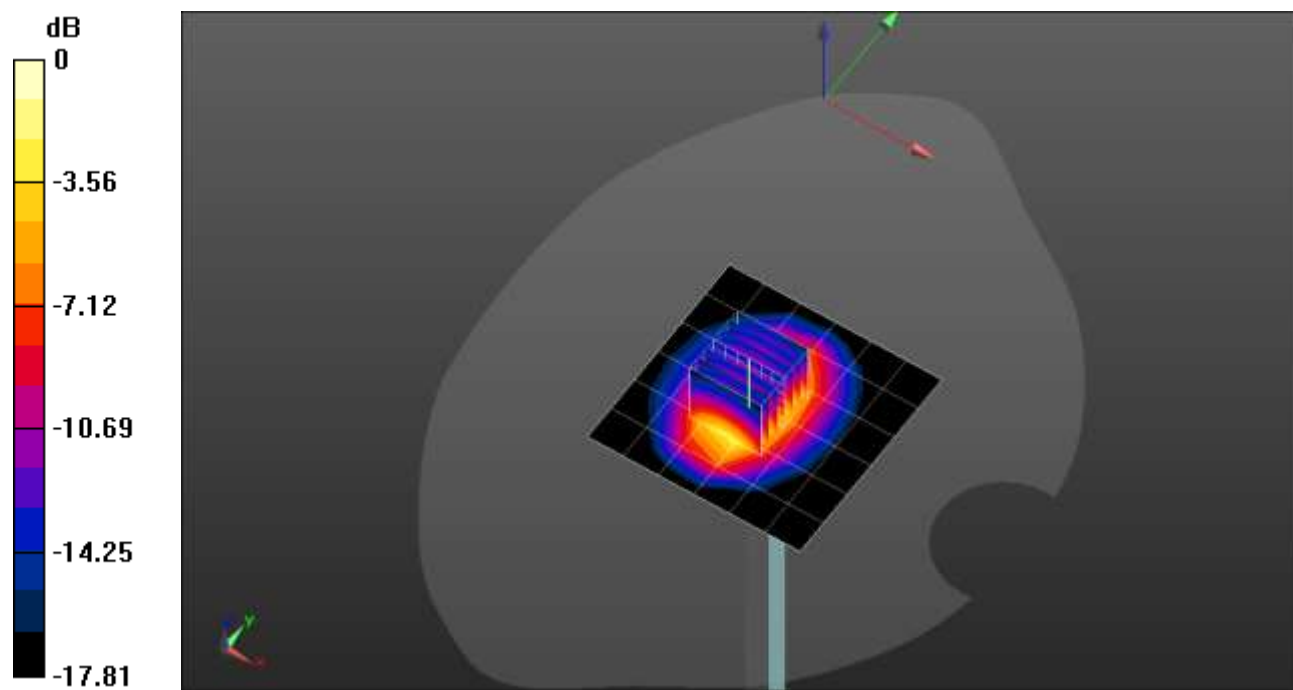
Peak SAR (extrapolated) = 7.00 W/kg

SAR(1 g) = 3.78 W/kg; SAR(10 g) = 1.99 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 54.8%

Maximum value of SAR (measured) = 5.08 W/kg



0 dB = 5.08 W/kg = 7.06 dBW/kg

20220717_SystemPerformanceCheck-D1750V2 SN 1050

Frequency: 1750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 1750$ MHz; $\sigma = 1.395$ S/m; $\epsilon_r = 38.488$; $\rho = 1000$ kg/m³

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 Sn1545; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7500; ConvF(8.42, 8.42, 8.42) @ 1750 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

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

Maximum value of SAR (measured) = 4.54 W/kg

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

Reference Value = 57.57 V/m; Power Drift = 0.10 dB

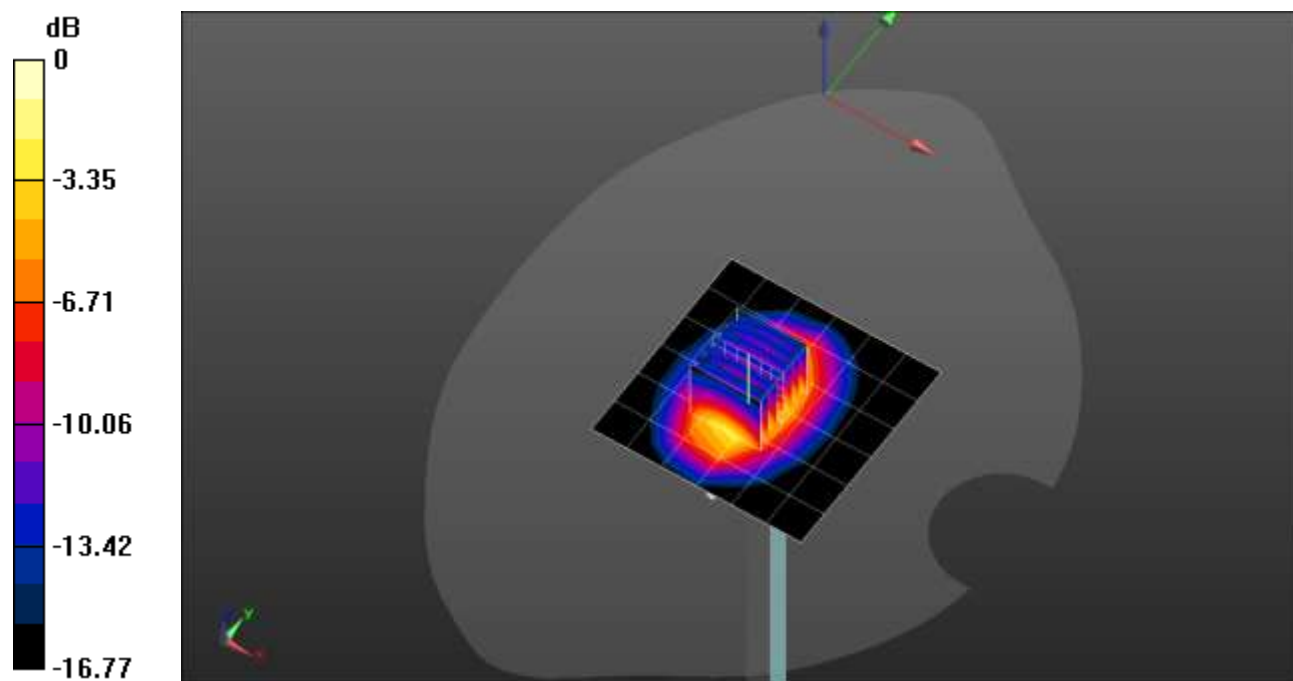
Peak SAR (extrapolated) = 6.89 W/kg

SAR(1 g) = 3.78 W/kg; SAR(10 g) = 2.01 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 55.7%

Maximum value of SAR (measured) = 5.06 W/kg



0 dB = 5.06 W/kg = 7.04 dBW/kg

20220714_SystemPerformanceCheck-D2300V2 SN 1058

Frequency: 2300 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 2300$ MHz; $\sigma = 1.713$ S/m; $\epsilon_r = 37.637$; $\rho = 1000$ kg/m³

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 Sn1239; Calibrated: 3/21/2022
- Probe: EX3DV4 - SN7587; ConvF(7.91, 7.91, 7.91) @ 2300 MHz; Calibrated: 4/27/2022
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM (B); Type: QD000P40CD; Serial: 1632

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

Maximum value of SAR (measured) = 6.52 W/kg

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

Reference Value = 66.35 V/m; Power Drift = -0.14 dB

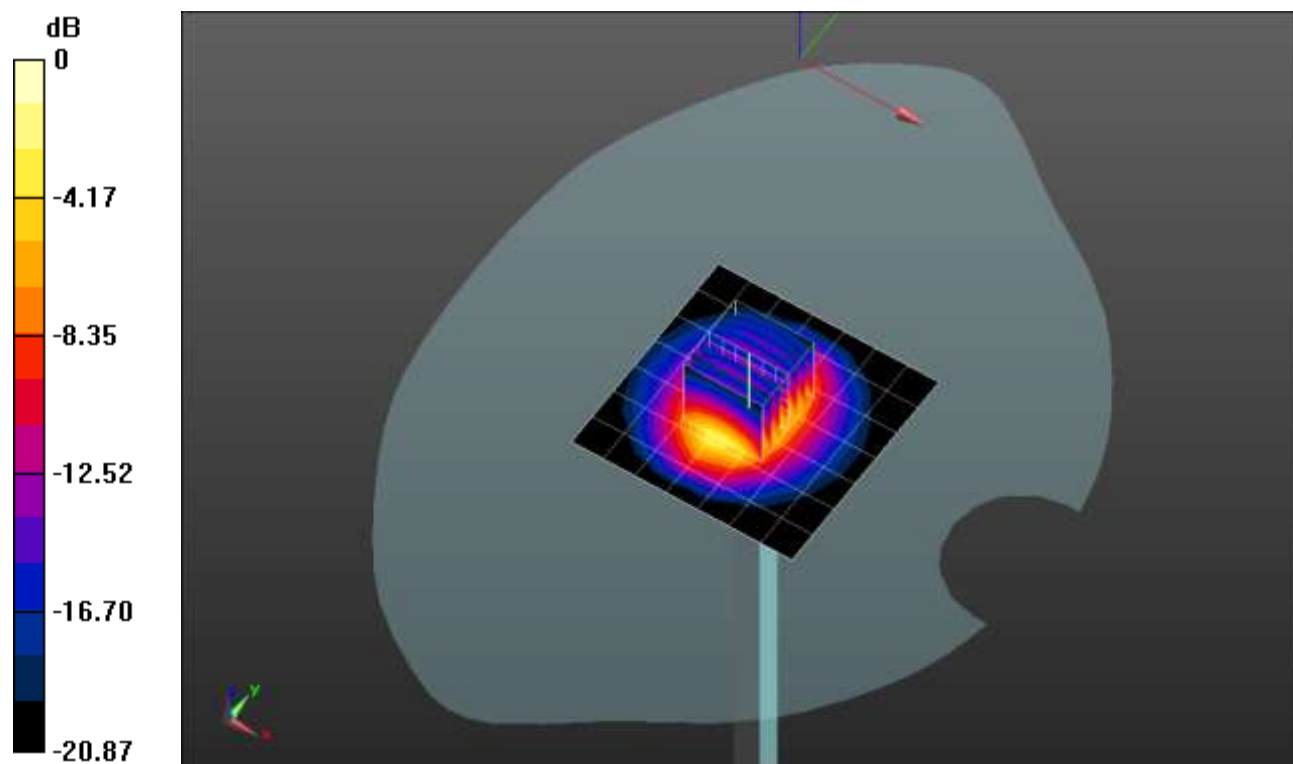
Peak SAR (extrapolated) = 10.7 W/kg

SAR(1 g) = 5.22 W/kg; SAR(10 g) = 2.49 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 49.2%

Maximum value of SAR (measured) = 7.36 W/kg



0 dB = 7.36 W/kg = 8.67 dBW/kg

20220630_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; $\sigma = 1.75$ S/m; $\epsilon_r = 40.265$; $\rho = 1000$ kg/m³

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) = 6.40 W/kg

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

Reference Value = 69.15 V/m; Power Drift = -0.07 dB

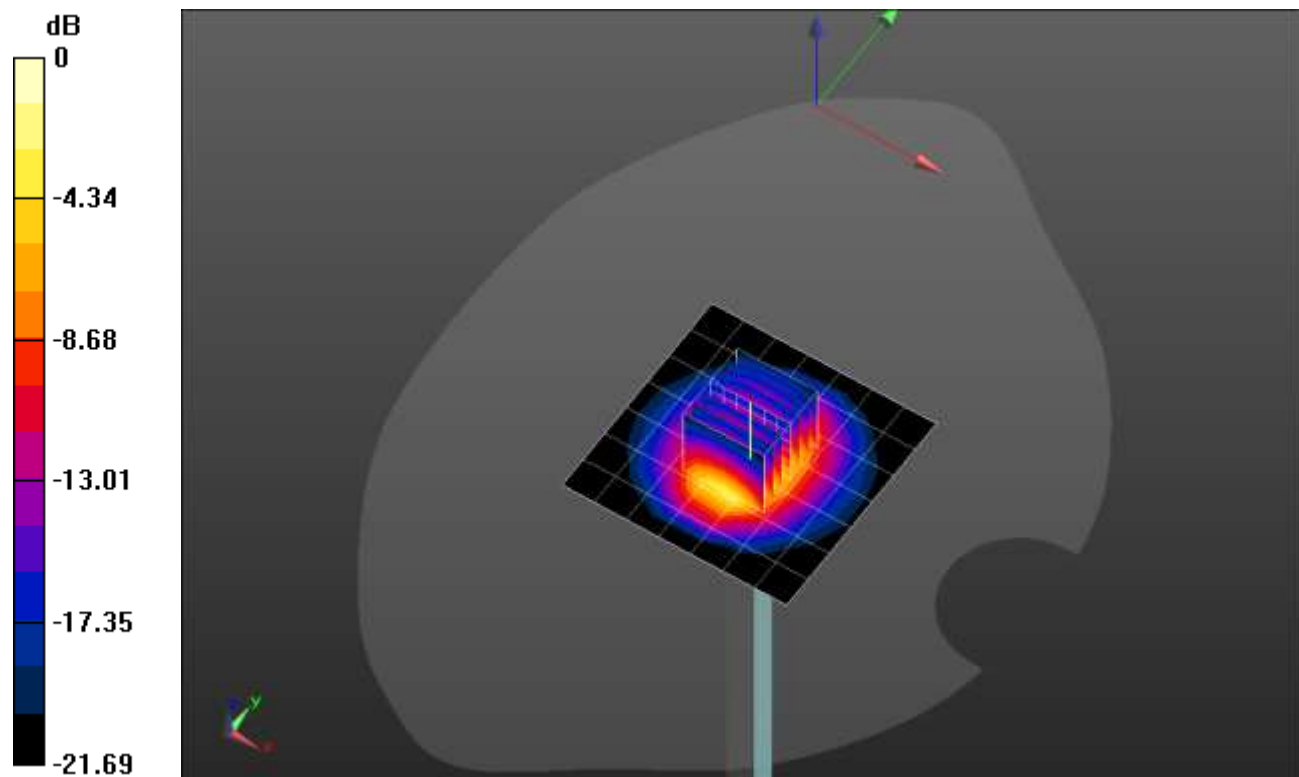
Peak SAR (extrapolated) = 12.1 W/kg

SAR(1 g) = 5.78 W/kg; SAR(10 g) = 2.71 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 48.6%

Maximum value of SAR (measured) = 8.24 W/kg



0 dB = 8.24 W/kg = 9.16 dBW/kg

20220707_SystemPerformanceCheck-D5GHzV2 SN 1168

Frequency: 5250 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 5250$ MHz; $\sigma = 4.729$ S/m; $\epsilon_r = 35.461$; $\rho = 1000$ kg/m³

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 Sn1257; Calibrated: 9/15/2021
- Probe: EX3DV4 - SN3749; ConvF(4.66, 4.66, 4.66) @ 5250 MHz; Calibrated: 1/18/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1740

Head/5.25 GHz, Pin=100mW/Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 18.8 W/kg

Head/5.25 GHz, Pin=100mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 56.02 V/m; Power Drift = 0.19 dB

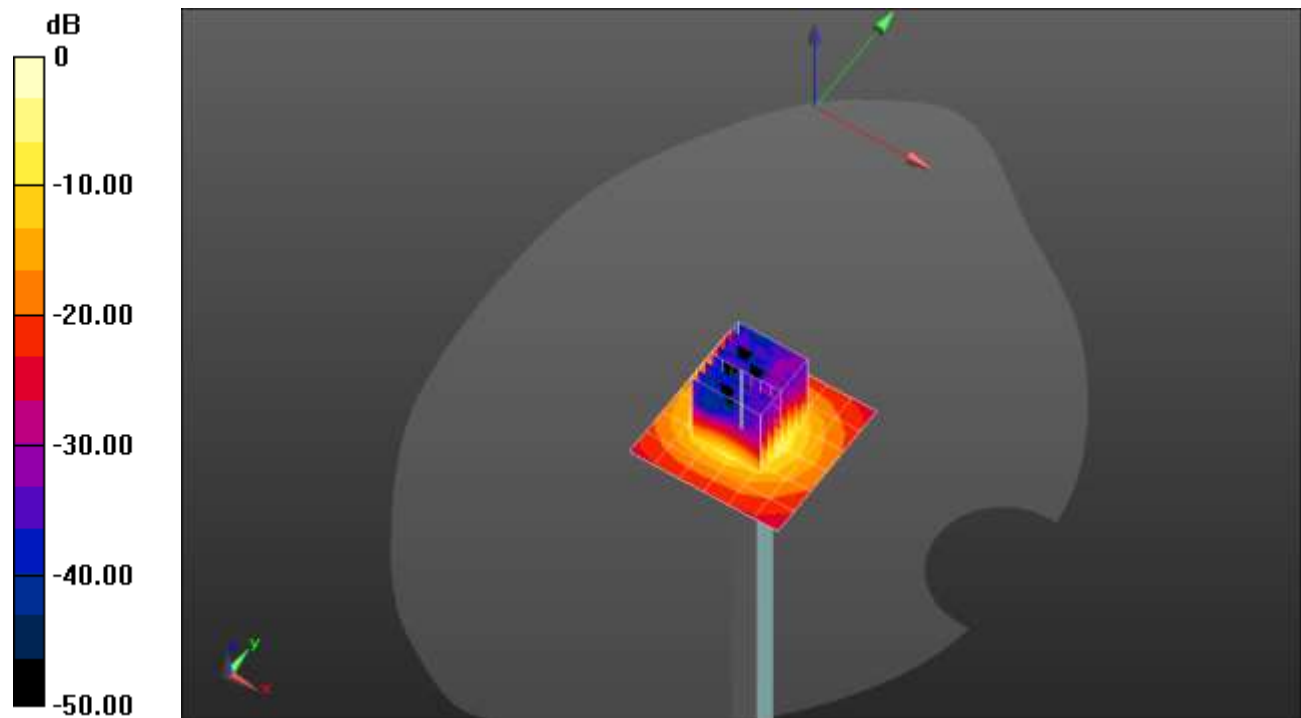
Peak SAR (extrapolated) = 31.6 W/kg

SAR(1 g) = 8.04 W/kg; SAR(10 g) = 2.31 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 66.3%

Maximum value of SAR (measured) = 18.8 W/kg



0 dB = 18.8 W/kg = 12.74 dBW/kg

20220630_SystemPerformanceCheck-D5GHzV2 SN 1003

Frequency: 5600 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 5600$ MHz; $\sigma = 4.827$ S/m; $\epsilon_r = 36.649$; $\rho = 1000$ kg/m³

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 Sn1472; Calibrated: 1/7/2022
- Probe: EX3DV4 - SN7585; ConvF(4.68, 4.68, 4.68) @ 5600 MHz; Calibrated: 4/27/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

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

Maximum value of SAR (measured) = 19.3 W/kg

Body/5.6 GHz, Pin=100mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 53.99 V/m; Power Drift = -0.05 dB

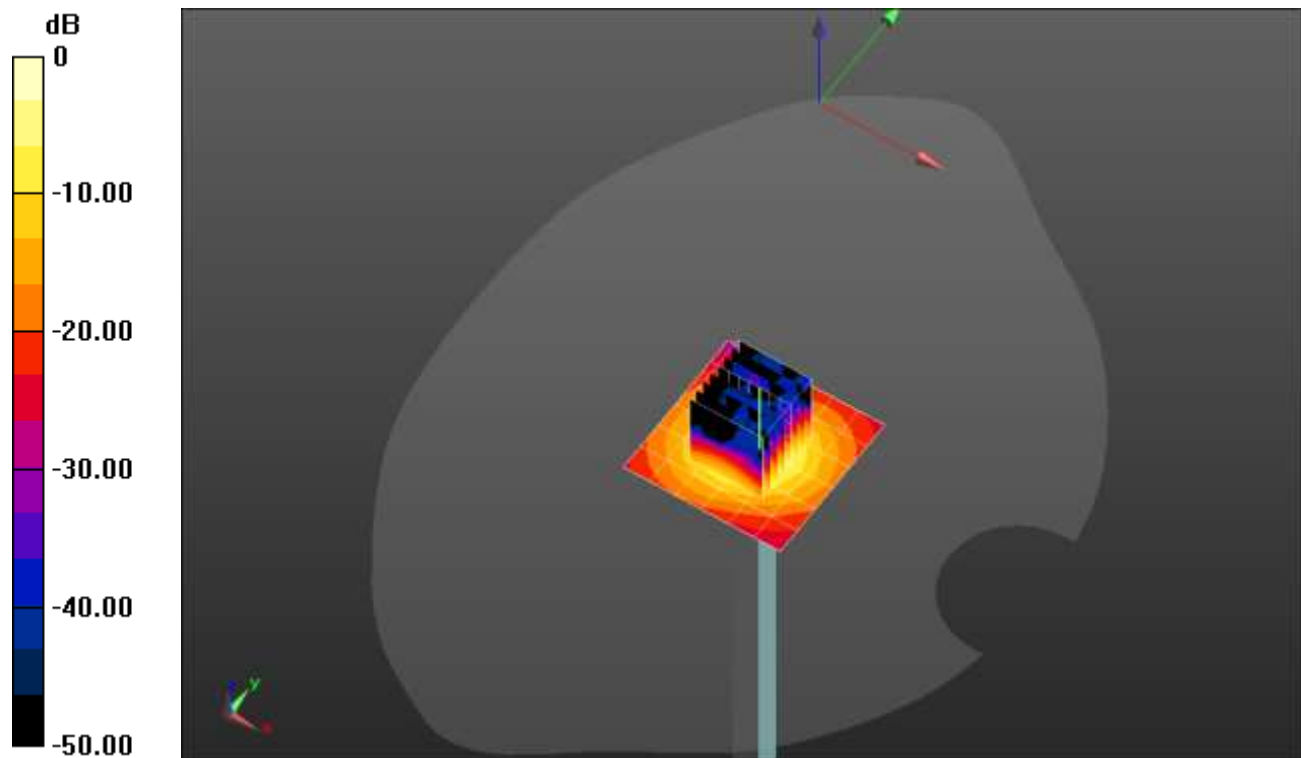
Peak SAR (extrapolated) = 35.3 W/kg

SAR(1 g) = 7.84 W/kg; SAR(10 g) = 2.3 W/kg

Smallest distance from peaks to all points 3 dB below = 7.6 mm

Ratio of SAR at M2 to SAR at M1 = 61.1%

Maximum value of SAR (measured) = 18.7 W/kg



0 dB = 18.7 W/kg = 12.72 dBW/kg

20220717_SystemPerformanceCheck-D5GHzV2 SN 1168

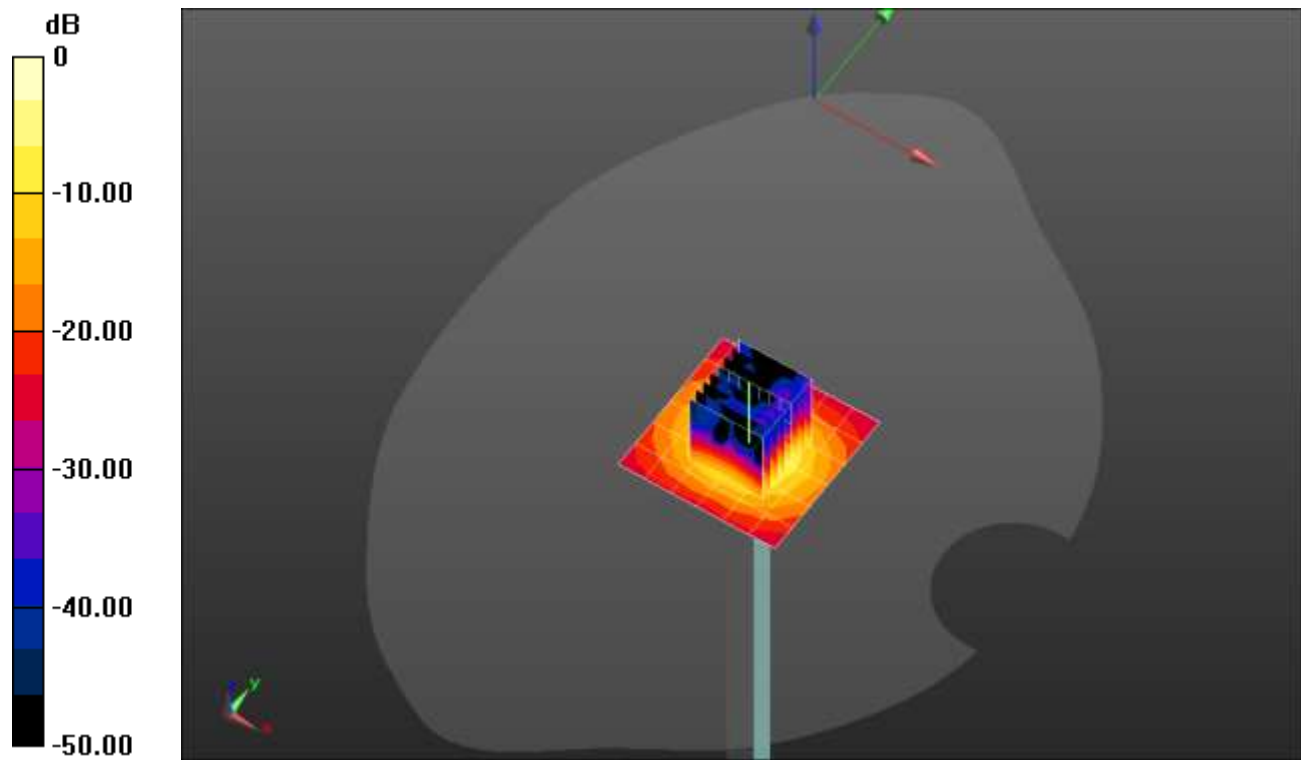
Frequency: 5600 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 5600$ MHz; $\sigma = 4.951$ S/m; $\epsilon_r = 35.115$; $\rho = 1000$ kg/m³

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 Sn1472; Calibrated: 1/7/2022
- Probe: EX3DV4 - SN7585; ConvF(4.68, 4.68, 4.68) @ 5600 MHz; Calibrated: 4/27/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

Head/5.6 GHz, Pin=100mW/Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 18.9 W/kg

Head/5.6 GHz, Pin=100mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
 Reference Value = 54.48 V/m; Power Drift = -0.17 dB
 Peak SAR (extrapolated) = 33.7 W/kg
SAR(1 g) = 8.21 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 = 64%
 Maximum value of SAR (measured) = 19.0 W/kg



0 dB = 19.0 W/kg = 12.79 dBW/kg

20220703_SystemPerformanceCheck-D2300V2 SN 1058

Frequency: 2300 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 2300$ MHz; $\sigma = 1.613$ S/m; $\epsilon_r = 38.426$; $\rho = 1000$ kg/m³

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(7.86, 7.86, 7.86) @ 2300 MHz; Calibrated: 2/25/2022
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1831

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

Maximum value of SAR (measured) = 6.37 W/kg

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

Reference Value = 59.42 V/m; Power Drift = 0.02 dB

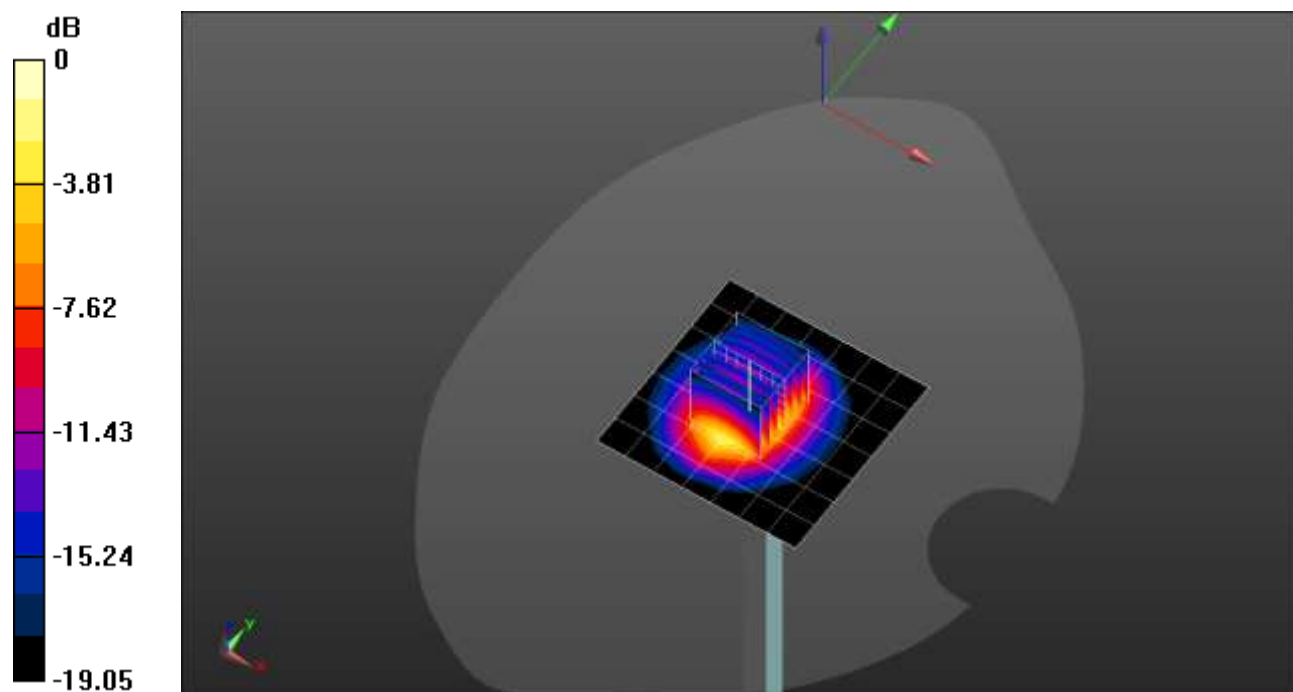
Peak SAR (extrapolated) = 9.44 W/kg

SAR(1 g) = 4.89 W/kg; SAR(10 g) = 2.42 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 52.8%

Maximum value of SAR (measured) = 6.80 W/kg



0 dB = 6.80 W/kg = 8.33 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/m³

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

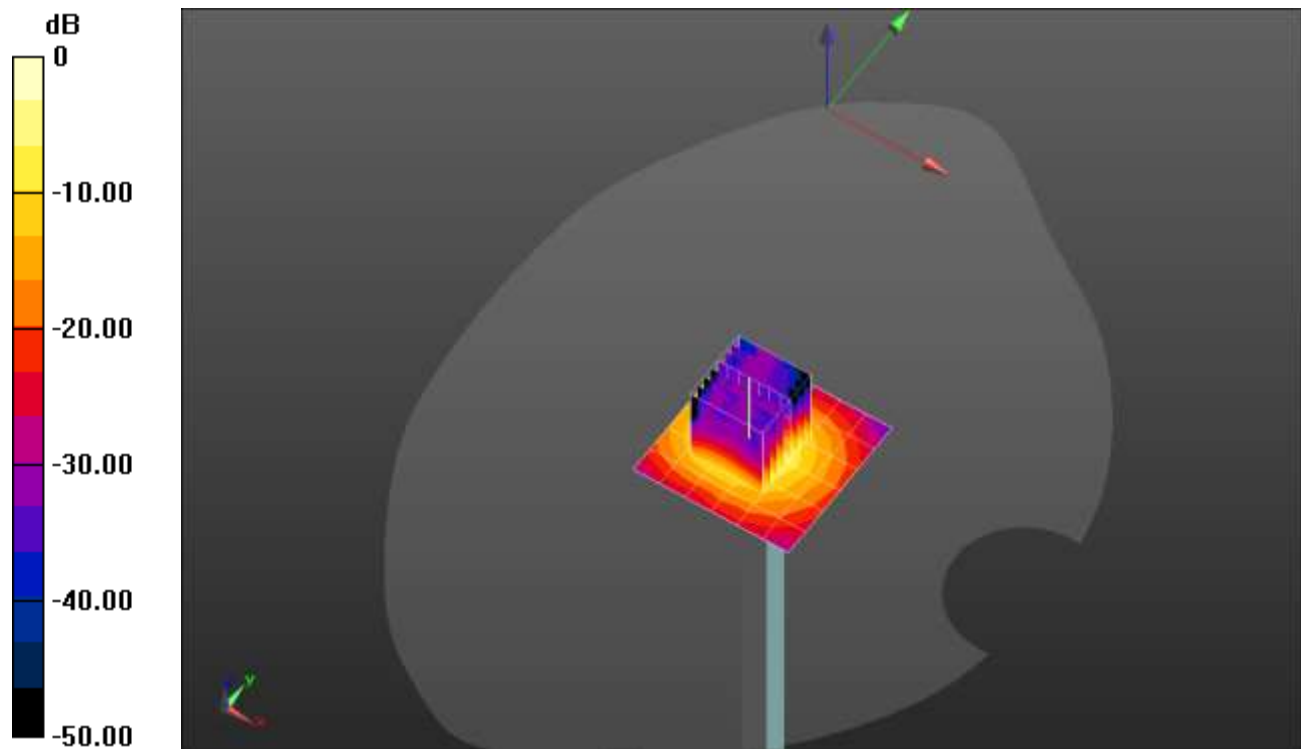
Peak SAR (extrapolated) = 37.5 W/kg

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

20220718_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; $\sigma = 1.74$ S/m; $\epsilon_r = 37.872$; $\rho = 1000$ kg/m³

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(7.63, 7.63, 7.63) @ 2450 MHz; Calibrated: 2/25/2022
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1831

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

Maximum value of SAR (measured) = 6.33 W/kg

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

Reference Value = 64.71 V/m; Power Drift = 0.04 dB

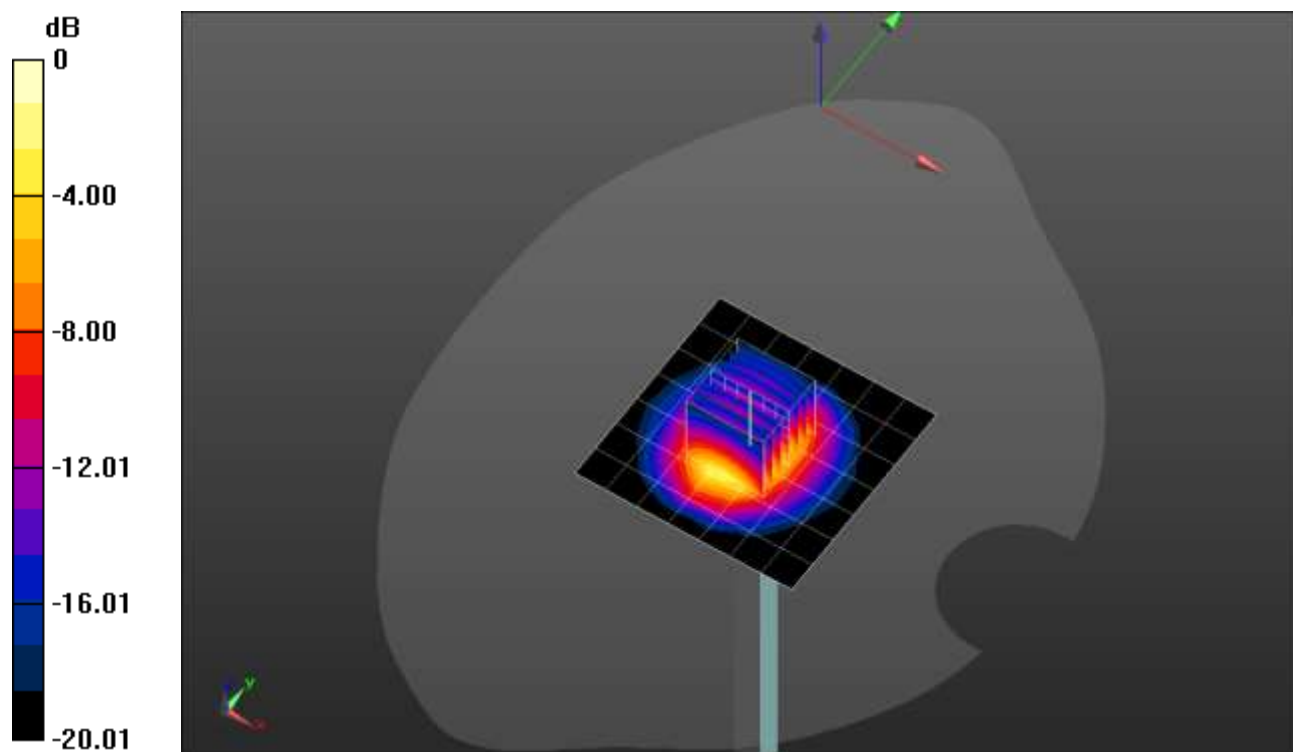
Peak SAR (extrapolated) = 10.4 W/kg

SAR(1 g) = 5.34 W/kg; SAR(10 g) = 2.61 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 52.2%

Maximum value of SAR (measured) = 7.41 W/kg



0 dB = 7.41 W/kg = 8.70 dBW/kg

20220717_SystemPerformanceCheck-D2600V2 SN 1006

Frequency: 2600 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 2600$ MHz; $\sigma = 1.9$ S/m; $\epsilon_r = 37.9$; $\rho = 1000$ kg/m³

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 Sn1359; Calibrated: 1/7/2022
- Probe: EX3DV4 - SN3991; ConvF(7.9, 7.9, 7.9) @ 2600 MHz; Calibrated: 8/20/2021
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

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

Maximum value of SAR (measured) = 7.18 W/kg

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

Reference Value = 68.02 V/m; Power Drift = -0.10 dB

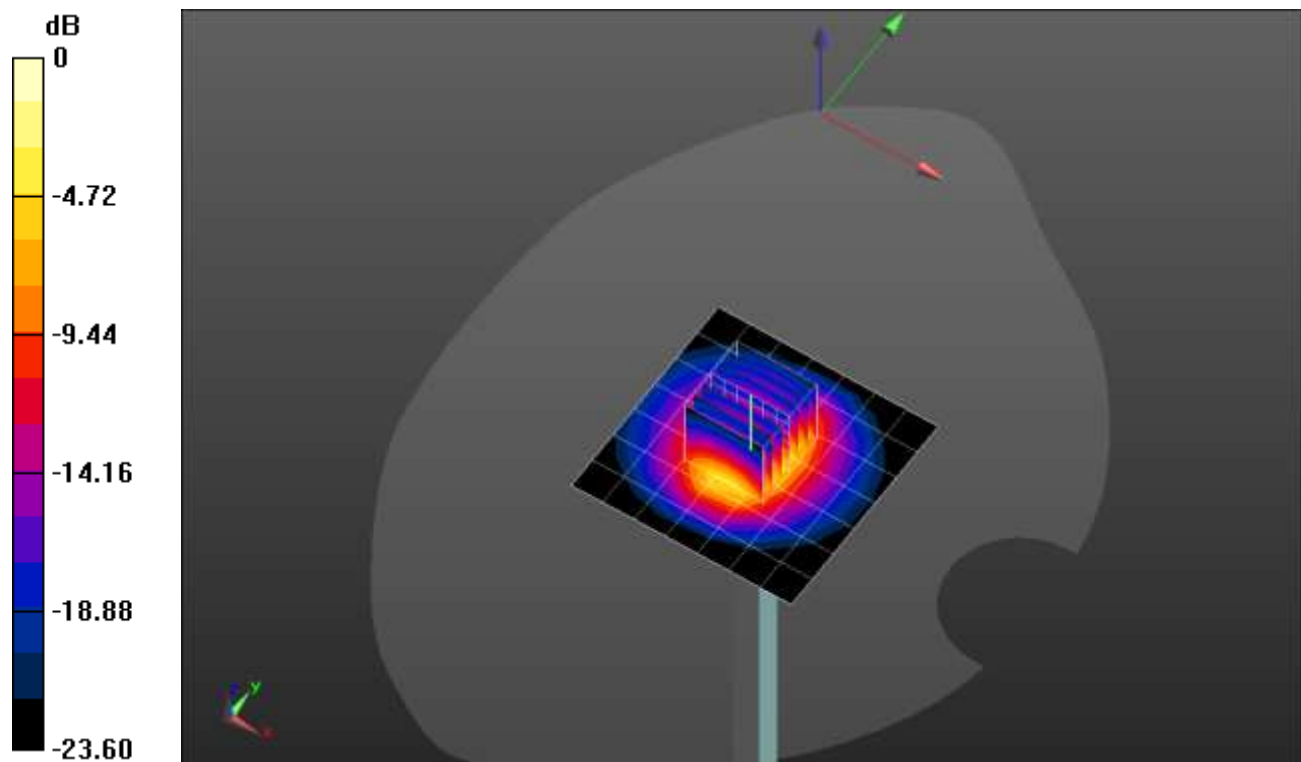
Peak SAR (extrapolated) = 13.0 W/kg

SAR(1 g) = 5.96 W/kg; SAR(10 g) = 2.66 W/kg

Smallest distance from peaks to all points 3 dB below = 9 mm

Ratio of SAR at M2 to SAR at M1 = 46.7%

Maximum value of SAR (measured) = 8.61 W/kg



0 dB = 8.61 W/kg = 9.35 dBW/kg

20220710_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: $f = 3500$ MHz; $\sigma = 2.795$ S/m; $\epsilon_r = 39.74$; $\rho = 1000$ kg/m³

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 Sn1540; Calibrated: 1/11/2022
- Probe: EX3DV4 - SN7356; ConvF(7.2, 7.2, 7.2) @ 3500 MHz; Calibrated: 3/24/2022
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: SAM;

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

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

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

Reference Value = 58.83 V/m; Power Drift = 0.04 dB

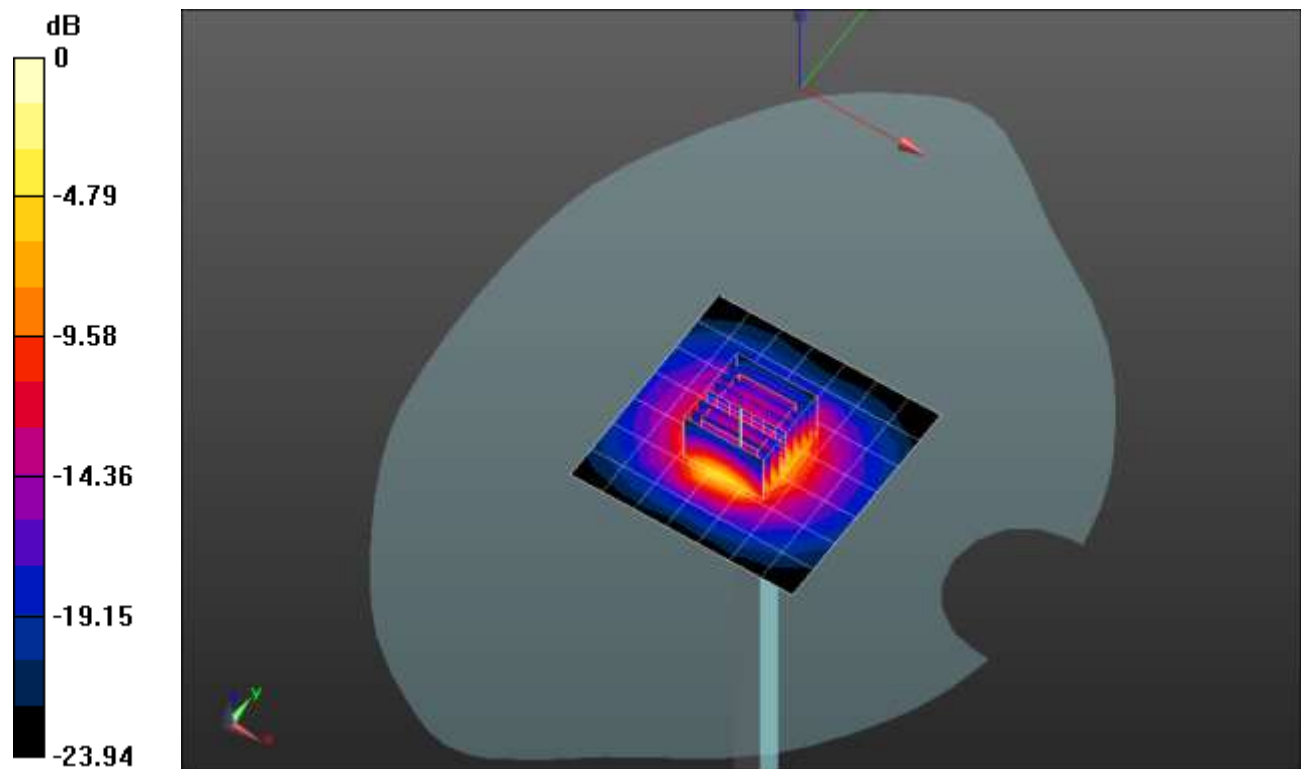
Peak SAR (extrapolated) = 15.7 W/kg

SAR(1 g) = 6.12 W/kg; SAR(10 g) = 2.38 W/kg

Smallest distance from peaks to all points 3 dB below = 9 mm

Ratio of SAR at M2 to SAR at M1 = 56.8%

Maximum value of SAR (measured) = 9.14 W/kg



0 dB = 9.14 W/kg = 9.61 dBW/kg

20220710_SystemPerformanceCheck-D3700V2 SN 1039

Frequency: 3700 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 3700$ MHz; $\sigma = 2.981$ S/m; $\epsilon_r = 39.396$; $\rho = 1000$ kg/m³

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 Sn1540; Calibrated: 1/11/2022
- Probe: EX3DV4 - SN7356; ConvF(7.15, 7.15, 7.15) @ 3700 MHz; Calibrated: 3/24/2022
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: SAM;

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

Maximum value of SAR (measured) = 7.67 W/kg

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

Reference Value = 63.81 V/m; Power Drift = -0.02 dB

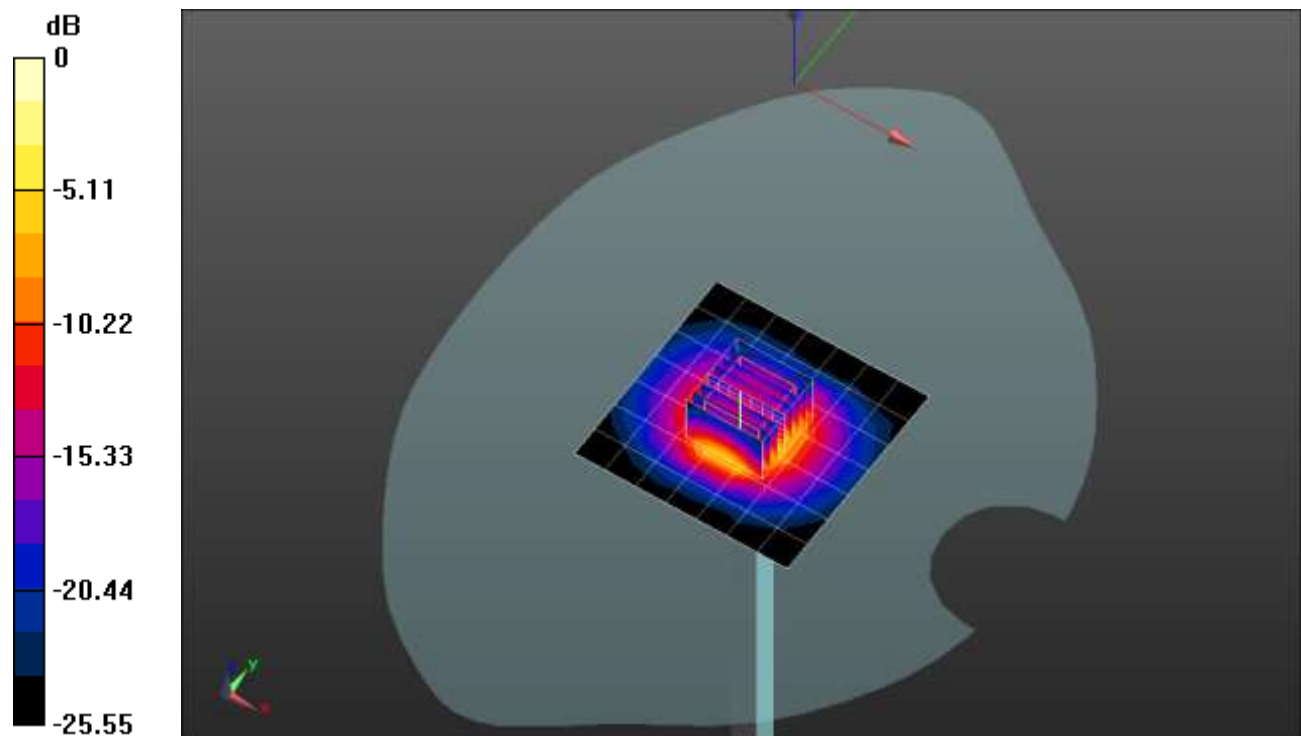
Peak SAR (extrapolated) = 19.6 W/kg

SAR(1 g) = 7.39 W/kg; SAR(10 g) = 2.77 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 54.6%

Maximum value of SAR (measured) = 11.0 W/kg



0 dB = 11.0 W/kg = 10.41 dBW/kg

20220714_SystemPerformanceCheck-D3900V2 SN 1052

Frequency: 3900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 3900$ MHz; $\sigma = 3.179$ S/m; $\epsilon_r = 39.053$; $\rho = 1000$ kg/m³

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 Sn1540; Calibrated: 1/11/2022
- Probe: EX3DV4 - SN7356; ConvF(7.1, 7.1, 7.1) @ 3900 MHz; Calibrated: 3/24/2022
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: SAM;

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

Maximum value of SAR (measured) = 7.37 W/kg

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

Reference Value = 61.17 V/m; Power Drift = -0.01 dB

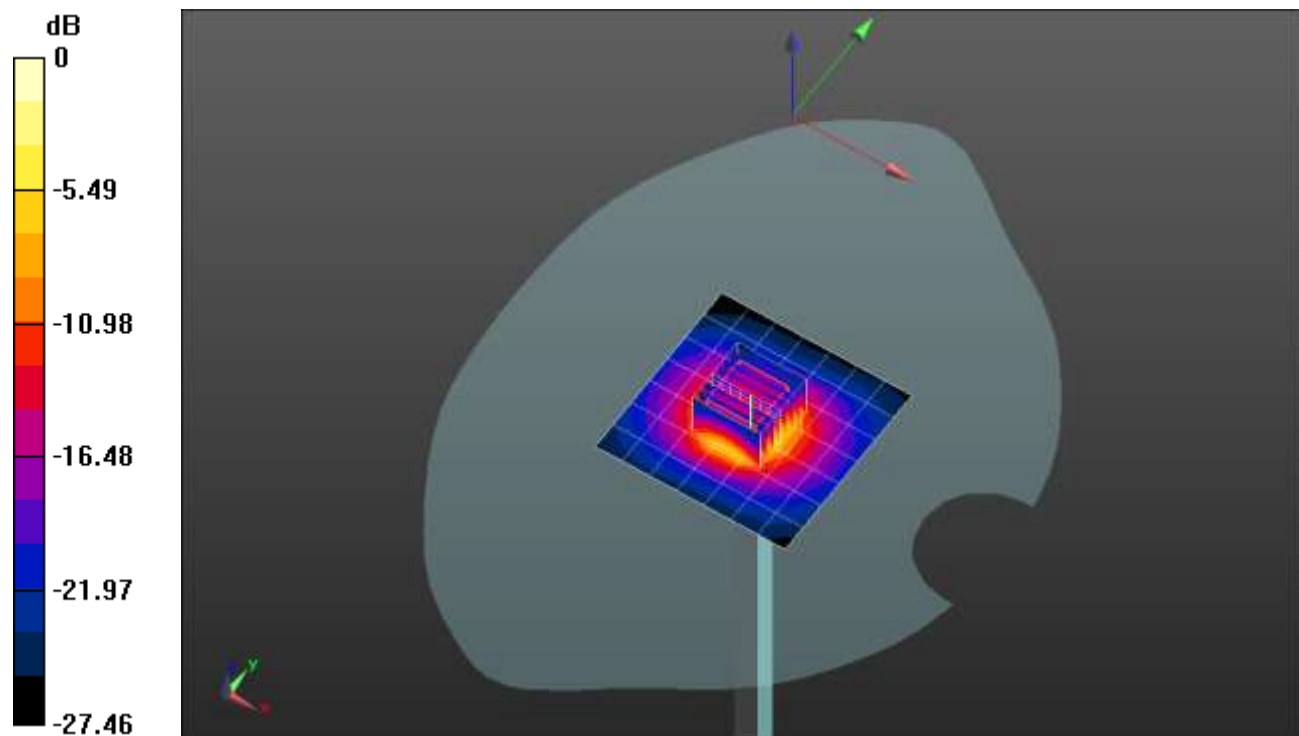
Peak SAR (extrapolated) = 17.6 W/kg

SAR(1 g) = 6.74 W/kg; SAR(10 g) = 2.41 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 55%

Maximum value of SAR (measured) = 10.4 W/kg



0 dB = 10.4 W/kg = 10.17 dBW/kg

20220718_SystemPerformanceCheck-D2300V2 SN 1058

Frequency: 2300 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 2300$ MHz; $\sigma = 1.708$ S/m; $\epsilon_r = 38.215$; $\rho = 1000$ kg/m³

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 Sn1540; Calibrated: 1/11/2022
- Probe: EX3DV4 - SN7356; ConvF(8.48, 8.48, 8.48) @ 2300 MHz; Calibrated: 3/24/2022
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: SAM;

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

Maximum value of SAR (measured) = 5.57 W/kg

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

Reference Value = 62.48 V/m; Power Drift = 0.06 dB

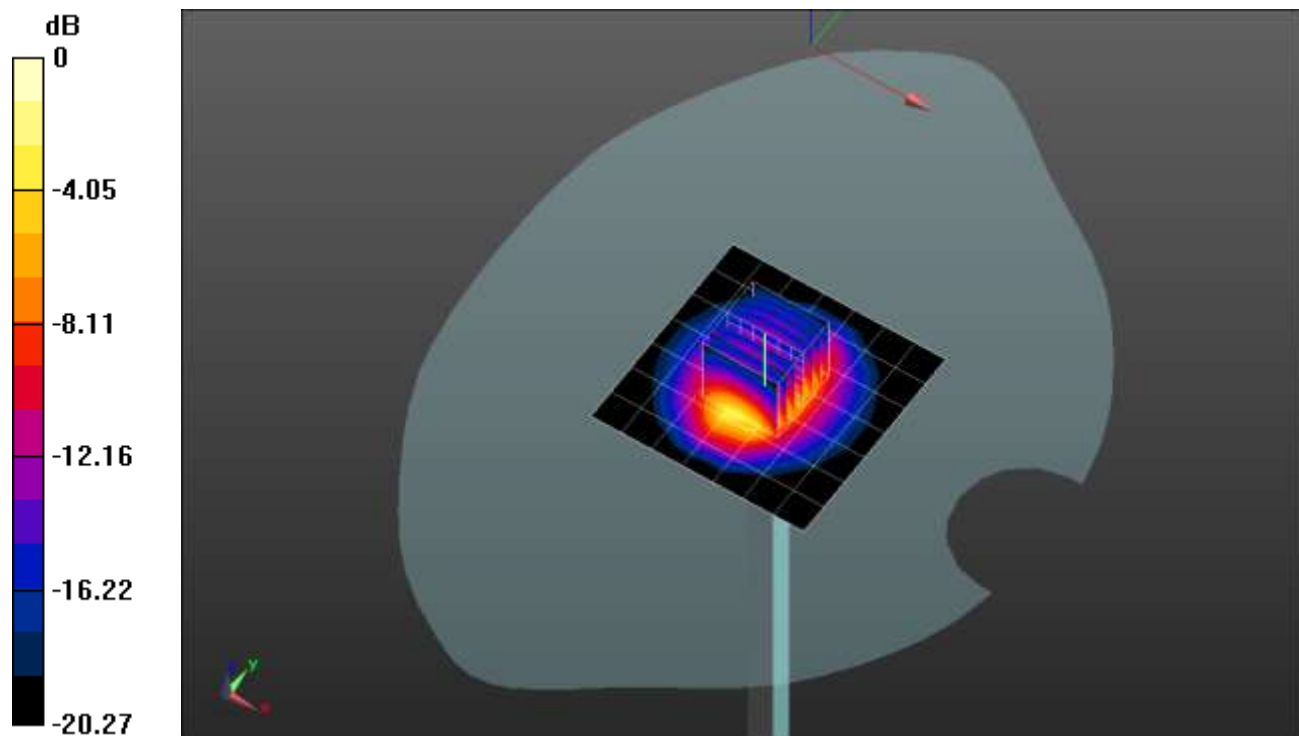
Peak SAR (extrapolated) = 9.57 W/kg

SAR(1 g) = 4.79 W/kg; SAR(10 g) = 2.29 W/kg

Smallest distance from peaks to all points 3 dB below = 9.1 mm

Ratio of SAR at M2 to SAR at M1 = 51.3%

Maximum value of SAR (measured) = 6.75 W/kg



0 dB = 6.75 W/kg = 8.29 dBW/kg

20220703_SystemPerformanceCheck-D3700V2 SN 1039

Frequency: 3700 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 3700$ MHz; $\sigma = 2.961$ S/m; $\epsilon_r = 39.308$; $\rho = 1000$ kg/m³

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(6.4, 6.4, 6.4) @ 3700 MHz; Calibrated: 3/23/2022
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

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

Maximum value of SAR (measured) = 7.79 W/kg

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

Reference Value = 59.94 V/m; Power Drift = -0.01 dB

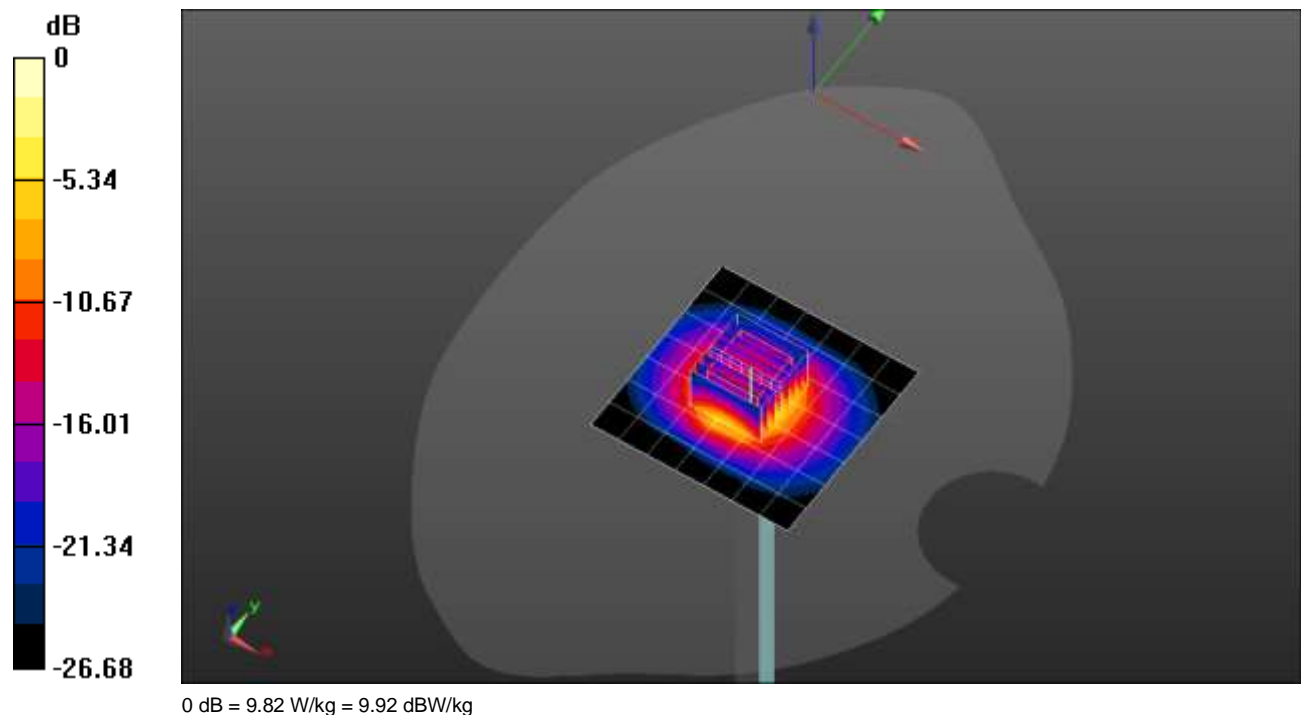
Peak SAR (extrapolated) = 17.9 W/kg

SAR(1 g) = 6.59 W/kg; SAR(10 g) = 2.45 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 54.3%

Maximum value of SAR (measured) = 9.82 W/kg



20220703_SystemPerformanceCheck-D3900V2 SN 1052

Frequency: 3900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 3900$ MHz; $\sigma = 3.164$ S/m; $\epsilon_r = 38.997$; $\rho = 1000$ kg/m³

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(6.34, 6.34, 6.34) @ 3900 MHz; Calibrated: 3/23/2022
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

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

Maximum value of SAR (measured) = 7.14 W/kg

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

Reference Value = 57.65 V/m; Power Drift = 0.09 dB

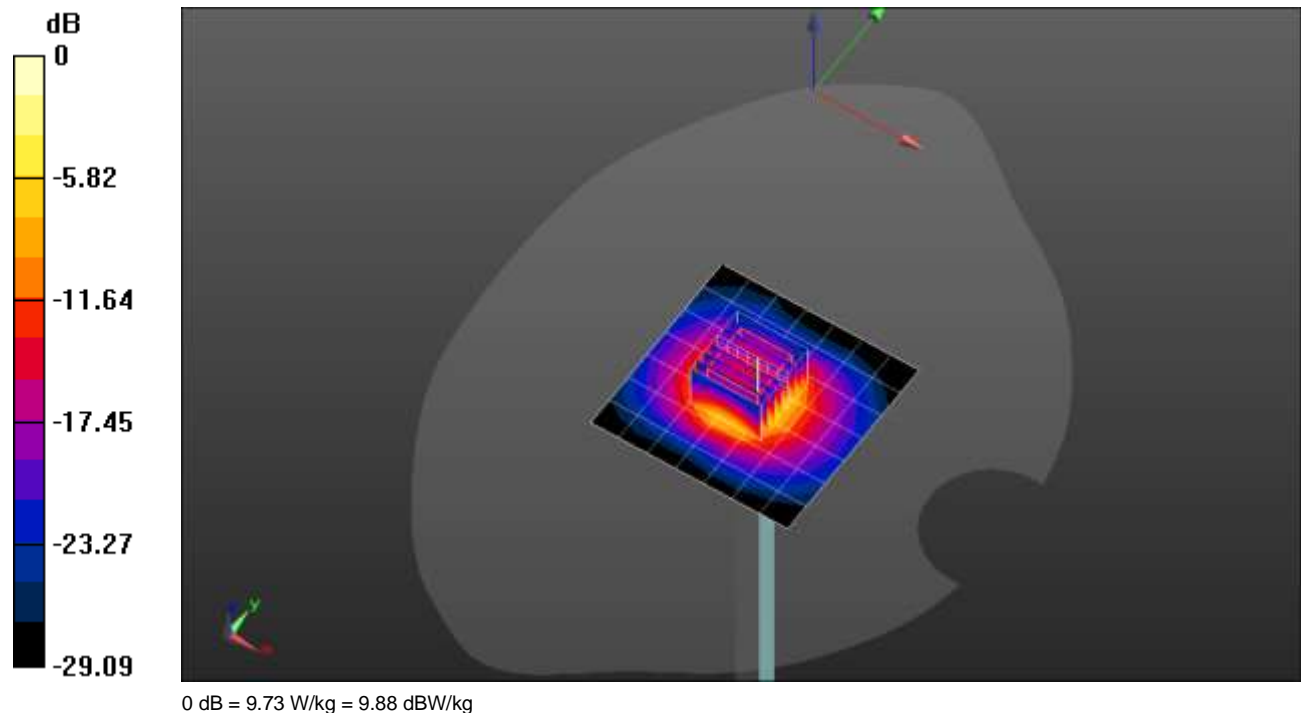
Peak SAR (extrapolated) = 17.3 W/kg

SAR(1 g) = 6.45 W/kg; SAR(10 g) = 2.3 W/kg

Smallest distance from peaks to all points 3 dB below = 8.5 mm

Ratio of SAR at M2 to SAR at M1 = 54%

Maximum value of SAR (measured) = 9.73 W/kg



20220710_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; $\sigma = 2.777$ S/m; $\epsilon_r = 39.509$; $\rho = 1000$ kg/m³

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) = 6.55 W/kg

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

Reference Value = 59.16 V/m; Power Drift = 0.08 dB

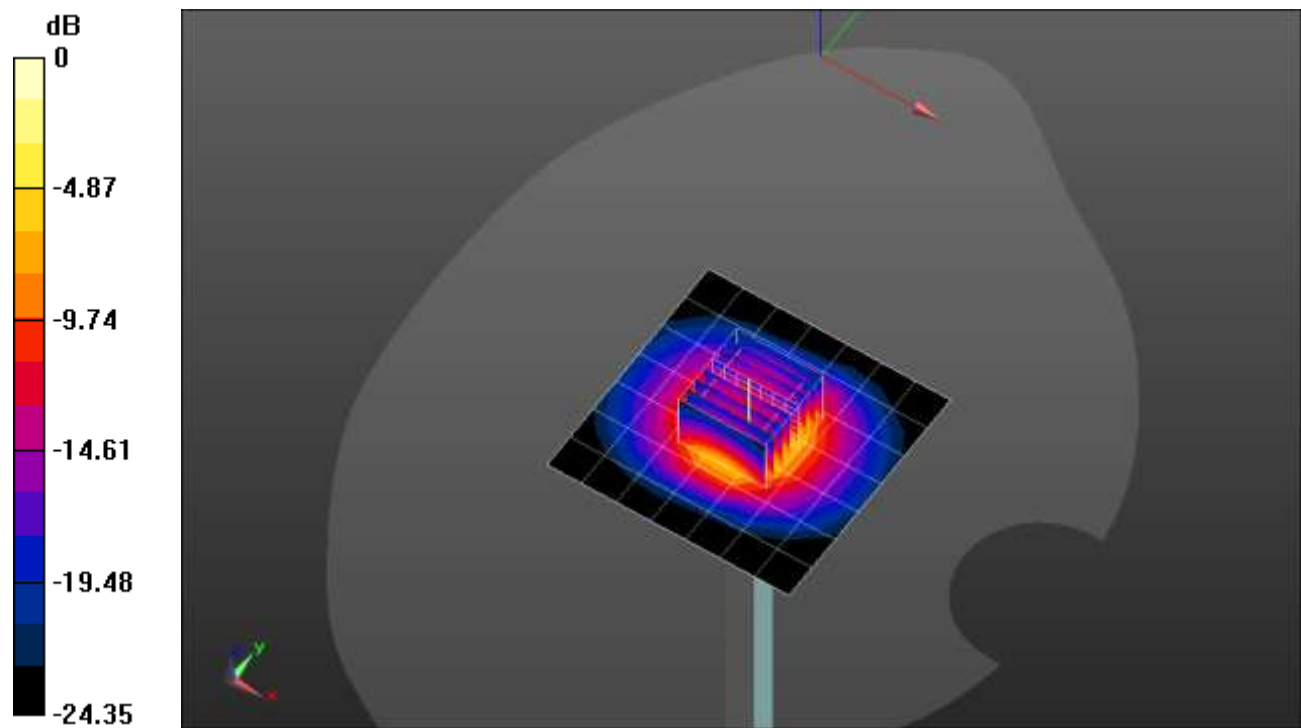
Peak SAR (extrapolated) = 16.0 W/kg

SAR(1 g) = 6.29 W/kg; SAR(10 g) = 2.46 W/kg

Smallest distance from peaks to all points 3 dB below = 9 mm

Ratio of SAR at M2 to SAR at M1 = 57.2%

Maximum value of SAR (measured) = 9.39 W/kg



0 dB = 9.39 W/kg = 9.73 dBW/kg

20220713_SystemPerformanceCheck-D2600V2 SN 1006

Frequency: 2600 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 2600$ MHz; $\sigma = 1.897$ S/m; $\epsilon_r = 38.229$; $\rho = 1000$ kg/m³

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(6.98, 6.98, 6.98) @ 2600 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) = 6.08 W/kg

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

Reference Value = 64.18 V/m; Power Drift = 0.20 dB

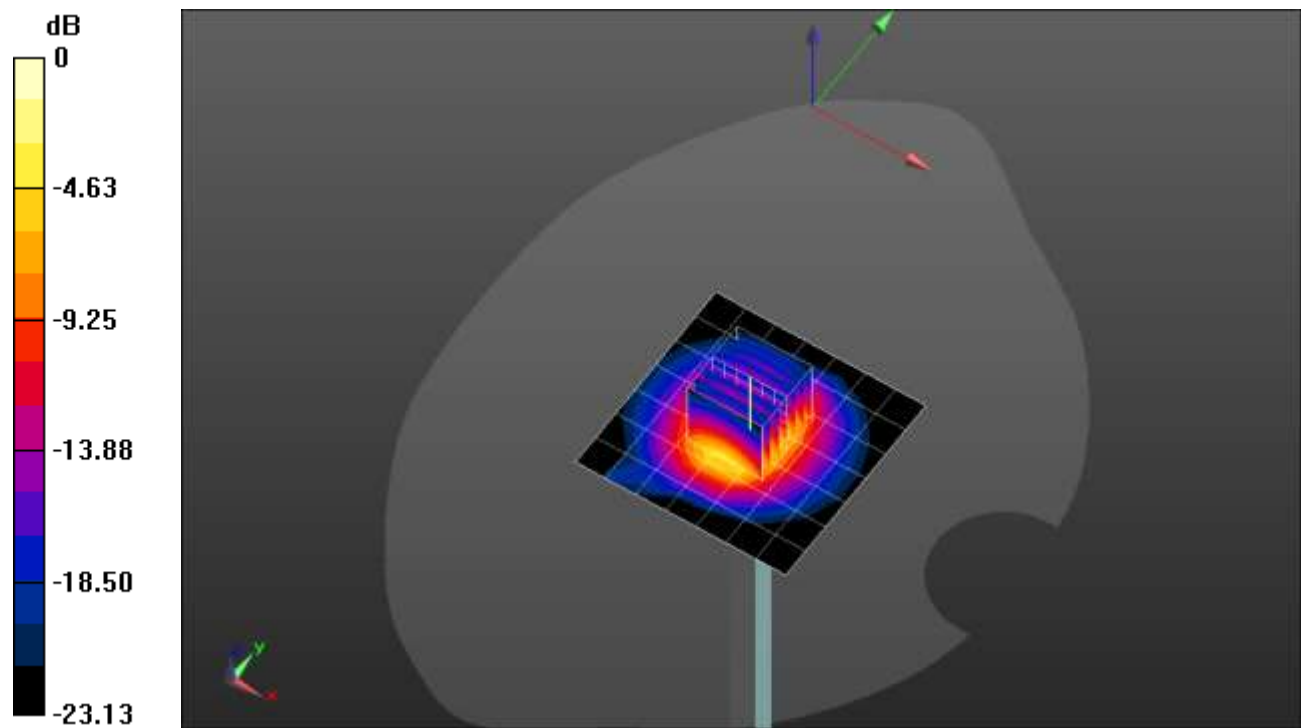
Peak SAR (extrapolated) = 12.0 W/kg

SAR(1 g) = 5.62 W/kg; SAR(10 g) = 2.54 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) = 8.11 W/kg



0 dB = 8.11 W/kg = 9.09 dBW/kg

20220711_SystemPerformanceCheck-D2600V2 SN 1006

Frequency: 2600 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.02$ S/m; $\epsilon_r = 39.617$; $\rho = 1000$ kg/m³

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(7.53, 7.53, 7.53) @ 2600 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) = 7.81 W/kg

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

Reference Value = 60.92 V/m; Power Drift = 0.17 dB

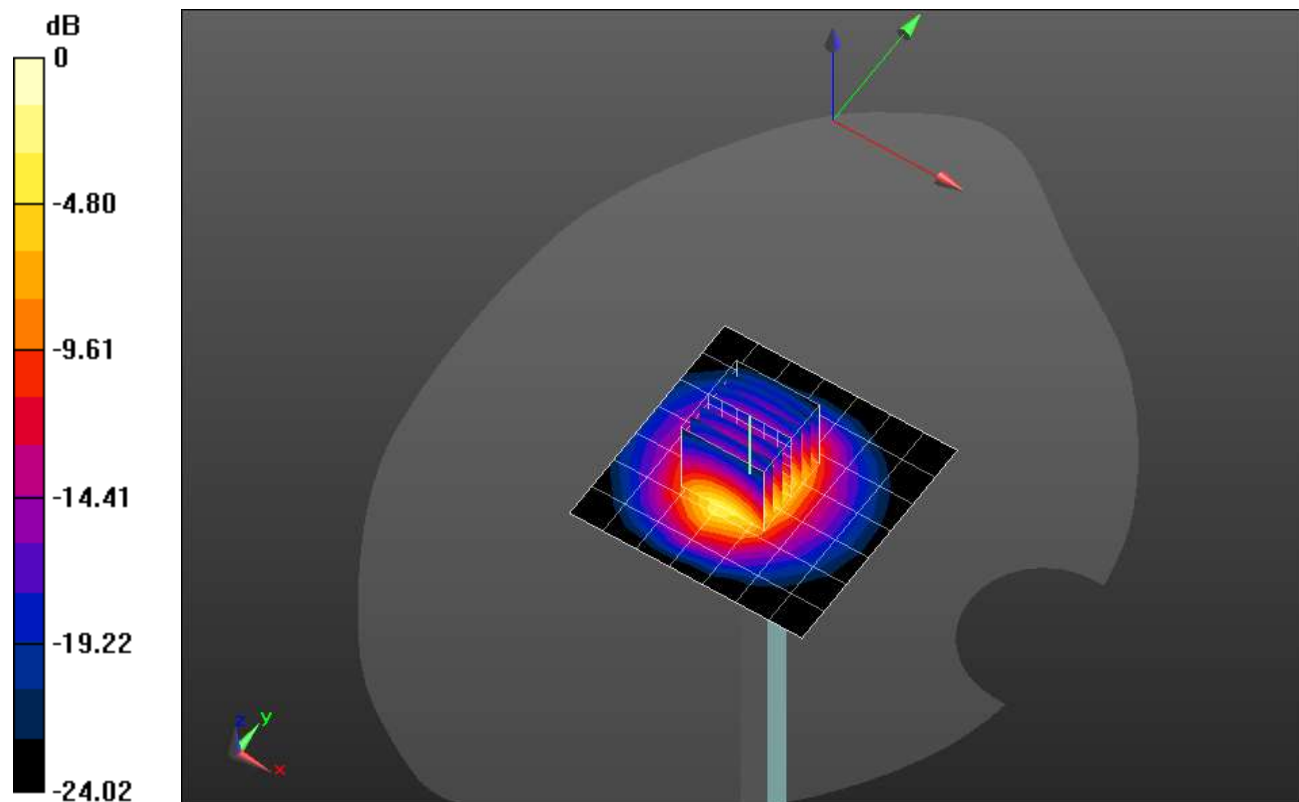
Peak SAR (extrapolated) = 13.1 W/kg

SAR(1 g) = 5.98 W/kg; SAR(10 g) = 2.66 W/kg

Smallest distance from peaks to all points 3 dB below = 9 mm

Ratio of SAR at M2 to SAR at M1 = 46.3%

Maximum value of SAR (measured) = 8.66 W/kg



0 dB = 8.66 W/kg = 9.38 dBW/kg

20220717_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: $f = 3500$ MHz; $\sigma = 2.779$ S/m; $\epsilon_r = 37.25$; $\rho = 1000$ kg/m³

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) = 6.54 W/kg

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

Reference Value = 59.22 V/m; Power Drift = -0.04 dB

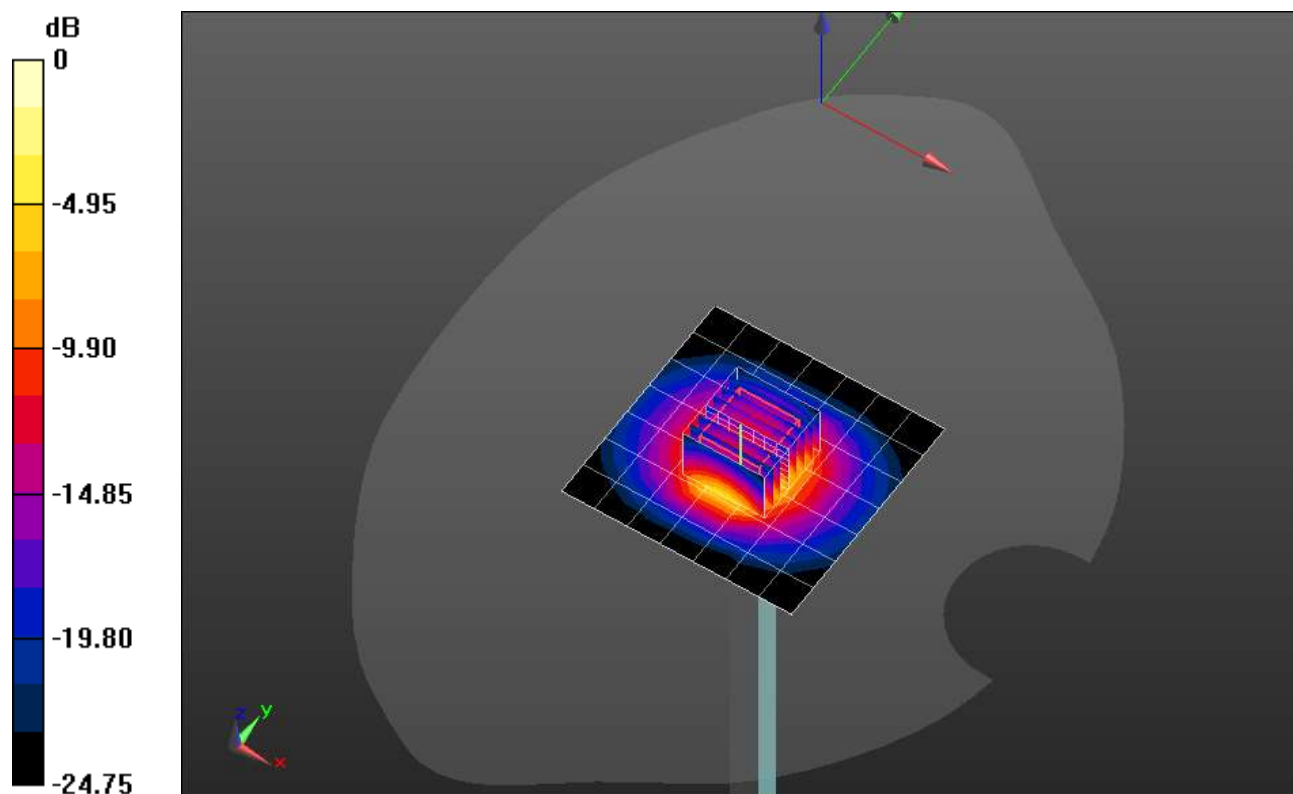
Peak SAR (extrapolated) = 15.4 W/kg

SAR(1 g) = 6.19 W/kg; SAR(10 g) = 2.37 W/kg

Smallest distance from peaks to all points 3 dB below = 8.5 mm

Ratio of SAR at M2 to SAR at M1 = 57.5%

Maximum value of SAR (measured) = 9.17 W/kg



0 dB = 9.17 W/kg = 9.62 dBW/kg

20220717_SystemPerformanceCheck-D3700V2 SN 1039

Frequency: 3700 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 3700$ MHz; $\sigma = 2.993$ S/m; $\epsilon_r = 37.377$; $\rho = 1000$ kg/m³

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(6.9, 6.9, 6.9) @ 3700 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 2/Area Scan (8x8x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 6.09 W/kg

Head/Pin=100 mW 2/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 59.50 V/m; Power Drift = -0.09 dB

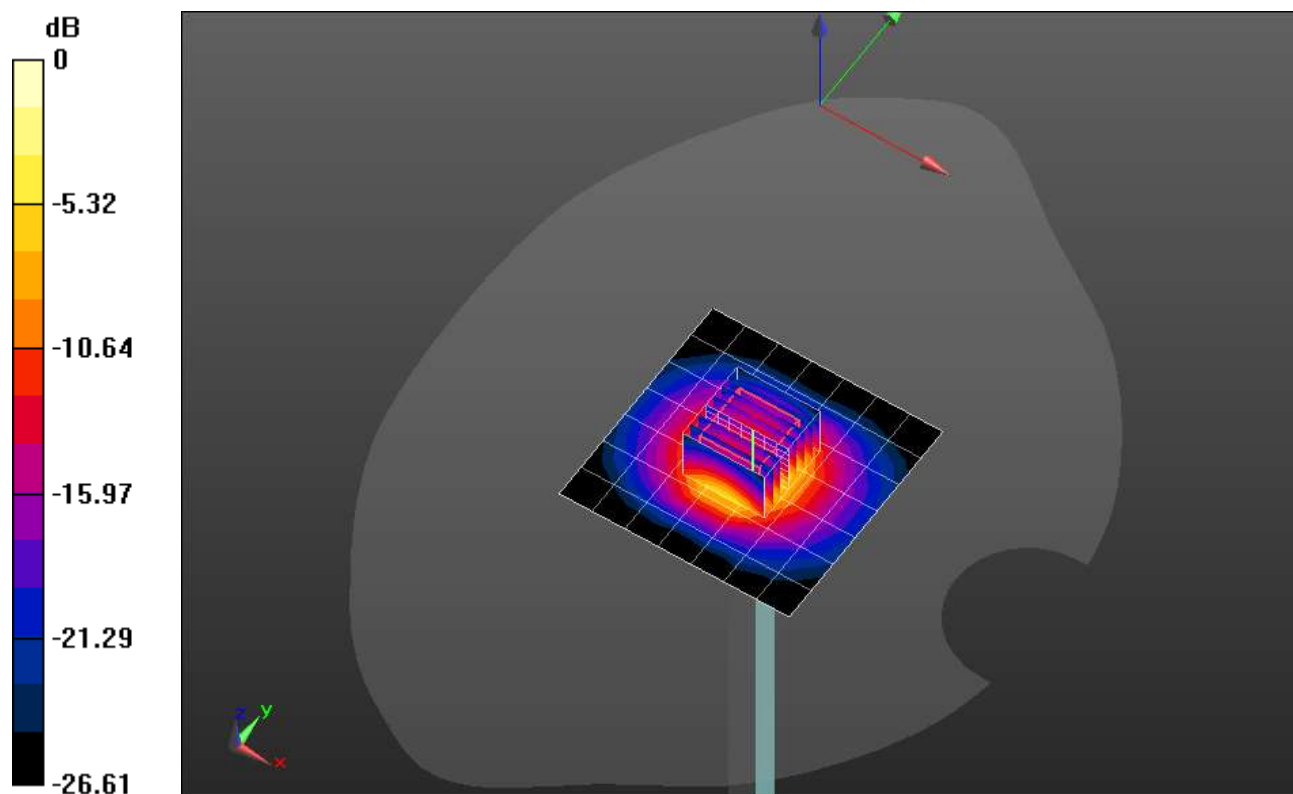
Peak SAR (extrapolated) = 16.6 W/kg

SAR(1 g) = 6.32 W/kg; SAR(10 g) = 2.33 W/kg

Smallest distance from peaks to all points 3 dB below = 8.5 mm

Ratio of SAR at M2 to SAR at M1 = 55.6%

Maximum value of SAR (measured) = 9.51 W/kg



0 dB = 9.51 W/kg = 9.78 dBW/kg

20220717_SystemPerformanceCheck-D3900V2 SN 1052

Frequency: 3900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 3900$ MHz; $\sigma = 3.191$ S/m; $\epsilon_r = 37.041$; $\rho = 1000$ kg/m³

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(6.76, 6.76, 6.76) @ 3900 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) = 6.92 W/kg

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

Reference Value = 57.93 V/m; Power Drift = 0.17 dB

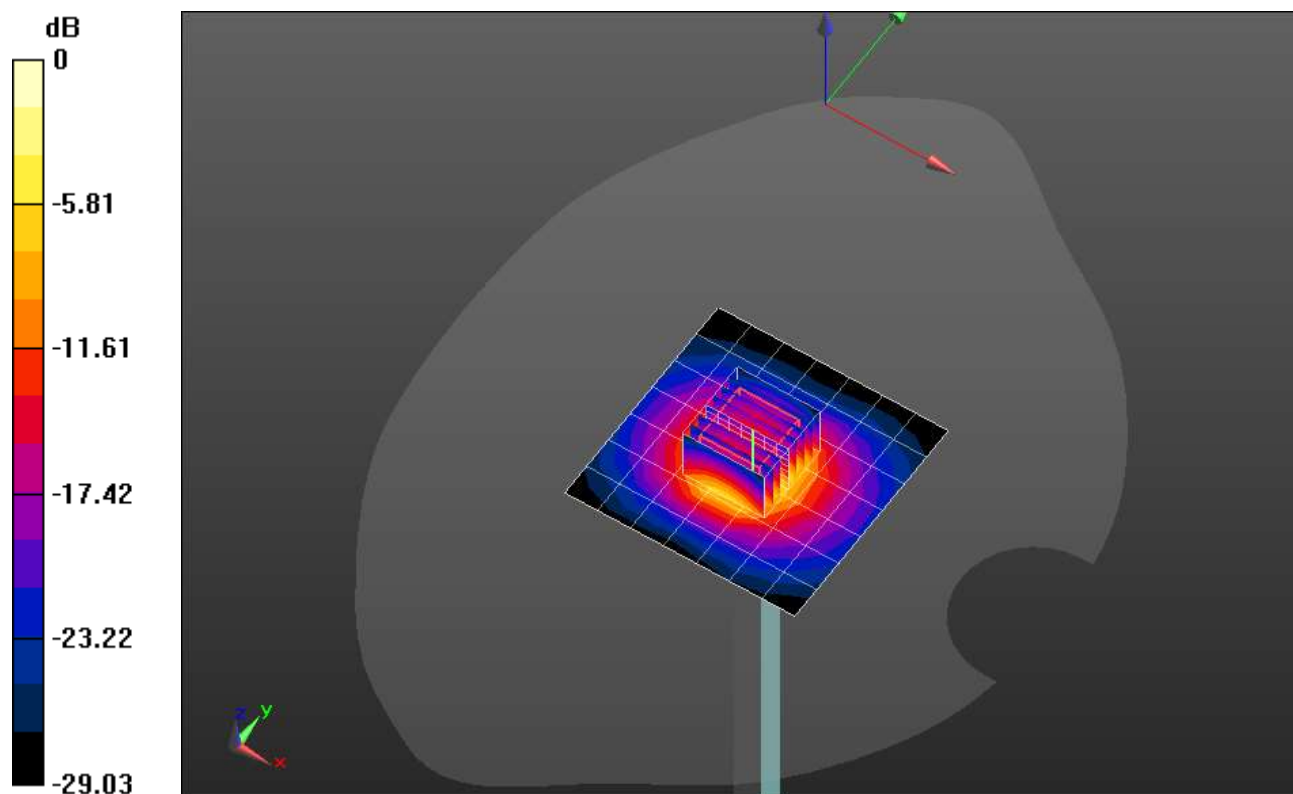
Peak SAR (extrapolated) = 17.1 W/kg

SAR(1 g) = 6.44 W/kg; SAR(10 g) = 2.27 W/kg

Smallest distance from peaks to all points 3 dB below = 8.5 mm

Ratio of SAR at M2 to SAR at M1 = 54.5%

Maximum value of SAR (measured) = 9.99 W/kg



0 dB = 9.99 W/kg = 10.00 dBW/kg

20220714_SystemPerformanceCheck-D2450V2 SN 748

Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.875$ S/m; $\epsilon_r = 37.348$; $\rho = 1000$ kg/m³

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 Sn1352; Calibrated: 11/9/2021
- Probe: EX3DV4 - SN3773; ConvF(7.17, 7.17, 7.17) @ 2450 MHz; Calibrated: 2/28/2022
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1740

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

Maximum value of SAR (measured) = 7.33 W/kg

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

Reference Value = 62.39 V/m; Power Drift = 0.13 dB

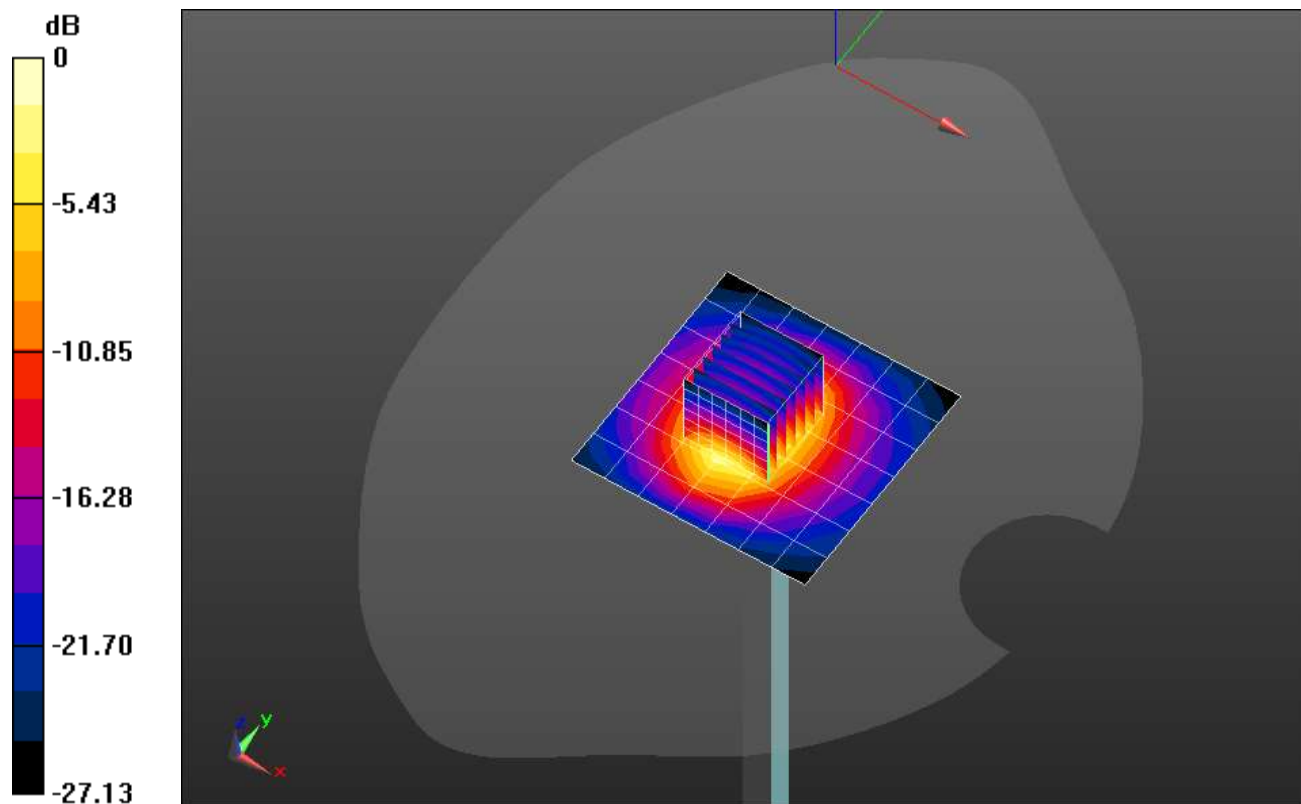
Peak SAR (extrapolated) = 12.1 W/kg

SAR(1 g) = 5.66 W/kg; SAR(10 g) = 2.65 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 47.7%

Maximum value of SAR (measured) = 8.08 W/kg



0 dB = 7.33 W/kg = 8.65 dBW/kg

20220717_SystemPerformanceCheck-D2600V2 SN 1006

Frequency: 2600 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 2600 \text{ MHz}$; $\sigma = 1.955 \text{ S/m}$; $\epsilon_r = 37.429$; $\rho = 1000 \text{ kg/m}^3$

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 Sn1352; Calibrated: 11/9/2021
- Probe: EX3DV4 - SN3773; ConvF(7.08, 7.08, 7.08) @ 2600 MHz; Calibrated: 2/28/2022
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1740

Head/Pin=100 mW/Area Scan (8x8x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 8.27 W/kg

Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 56.45 V/m; Power Drift = 0.07 dB

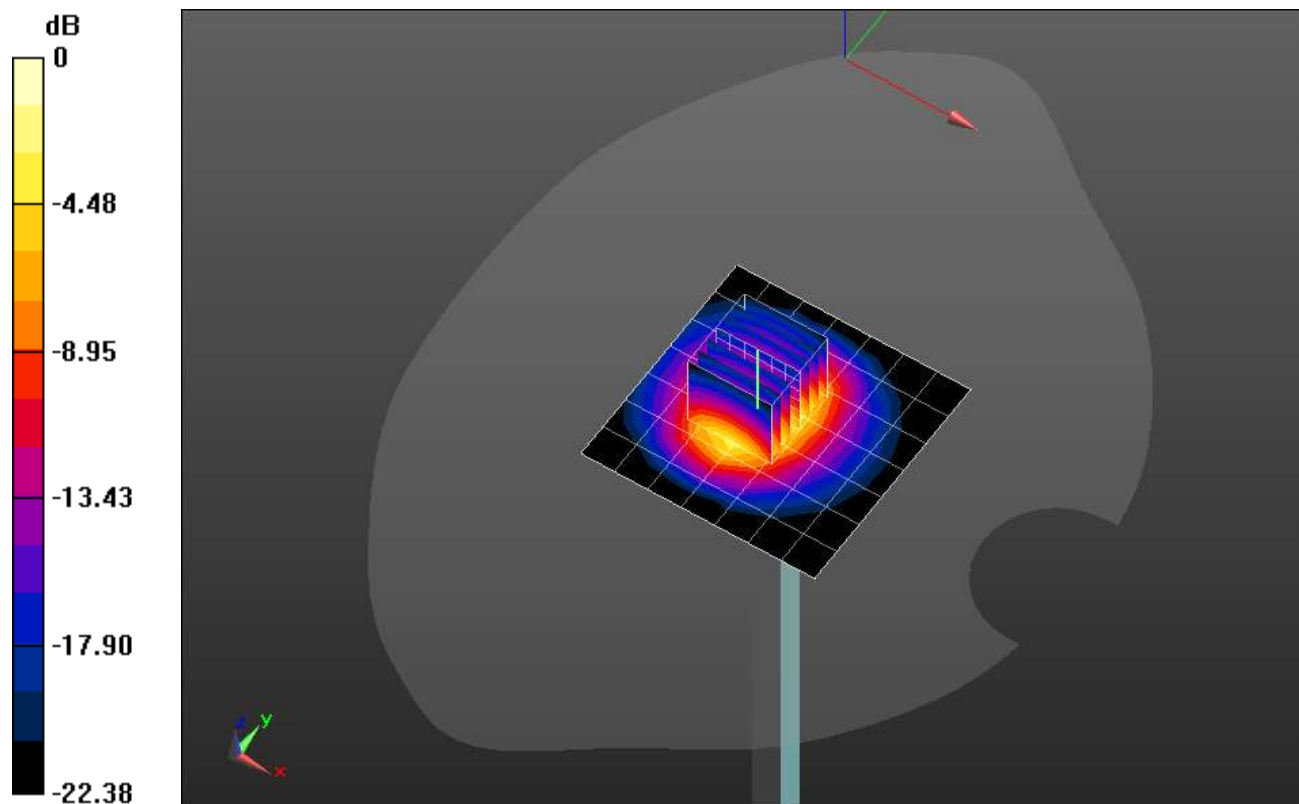
Peak SAR (extrapolated) = 12.5 W/kg

SAR(1 g) = 5.86 W/kg; SAR(10 g) = 2.69 W/kg

Smallest distance from peaks to all points 3 dB below = 9.8 mm

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

Maximum value of SAR (measured) = 8.39 W/kg



0 dB = 8.39 W/kg = 9.24 dBW/kg

20220705_SystemPerformanceCheck-D750V3 SN 1019

Frequency: 750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.876 \text{ S/m}$; $\epsilon_r = 40.923$; $\rho = 1000 \text{ kg/m}^3$

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 Sn1547; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3989; ConvF(10.59, 10.59, 10.59) @ 750 MHz; Calibrated: 1/19/2022
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

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

Maximum value of SAR (measured) = 0.992 W/kg

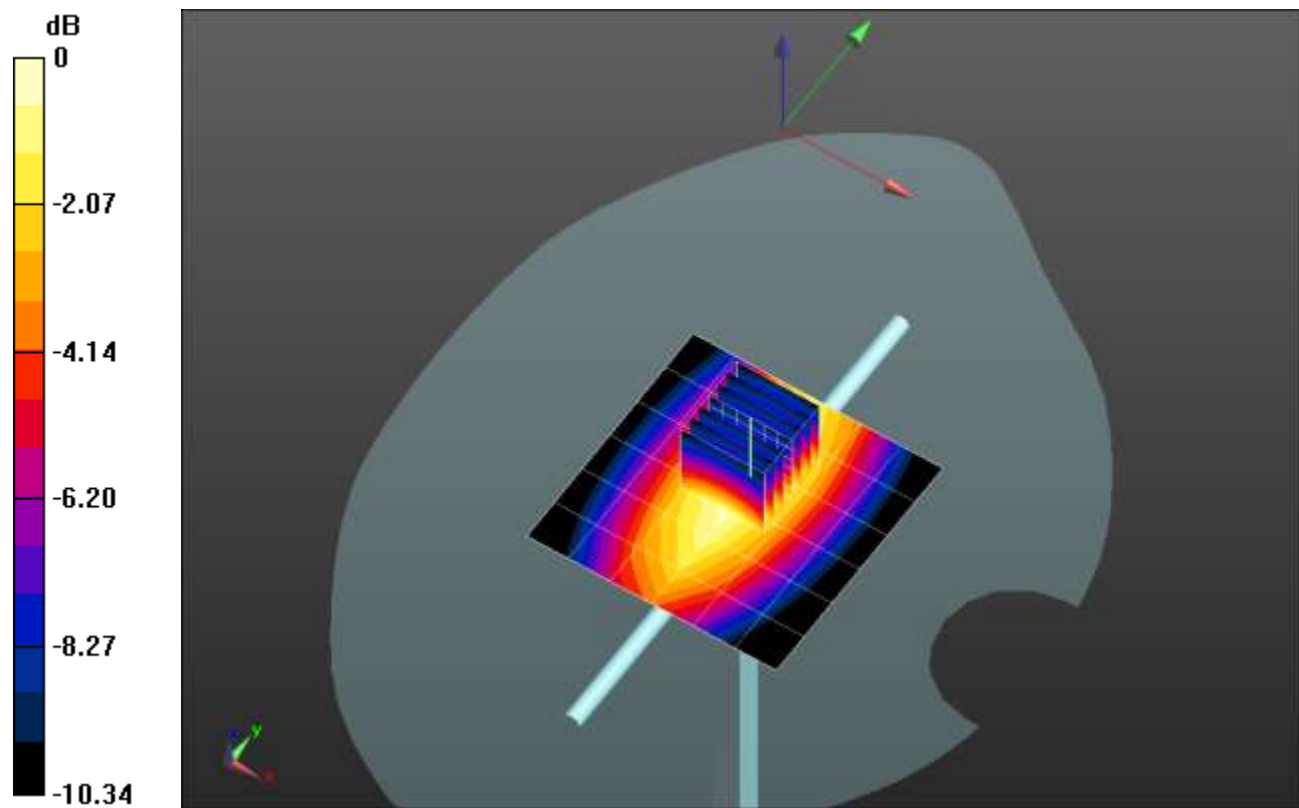
Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 33.20 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.812 W/kg; SAR(10 g) = 0.525 W/kg

Maximum value of SAR (measured) = 1.02 W/kg



20220712_SystemPerformanceCheck-D2300V2 SN 1058

Frequency: 2300 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 2300$ MHz; $\sigma = 1.615$ S/m; $\epsilon_r = 37.778$; $\rho = 1000$ kg/m³

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 Sn1547; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3989; ConvF(8.37, 8.37, 8.37) @ 2300 MHz; Calibrated: 1/19/2022
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

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

Maximum value of SAR (measured) = 5.58 W/kg

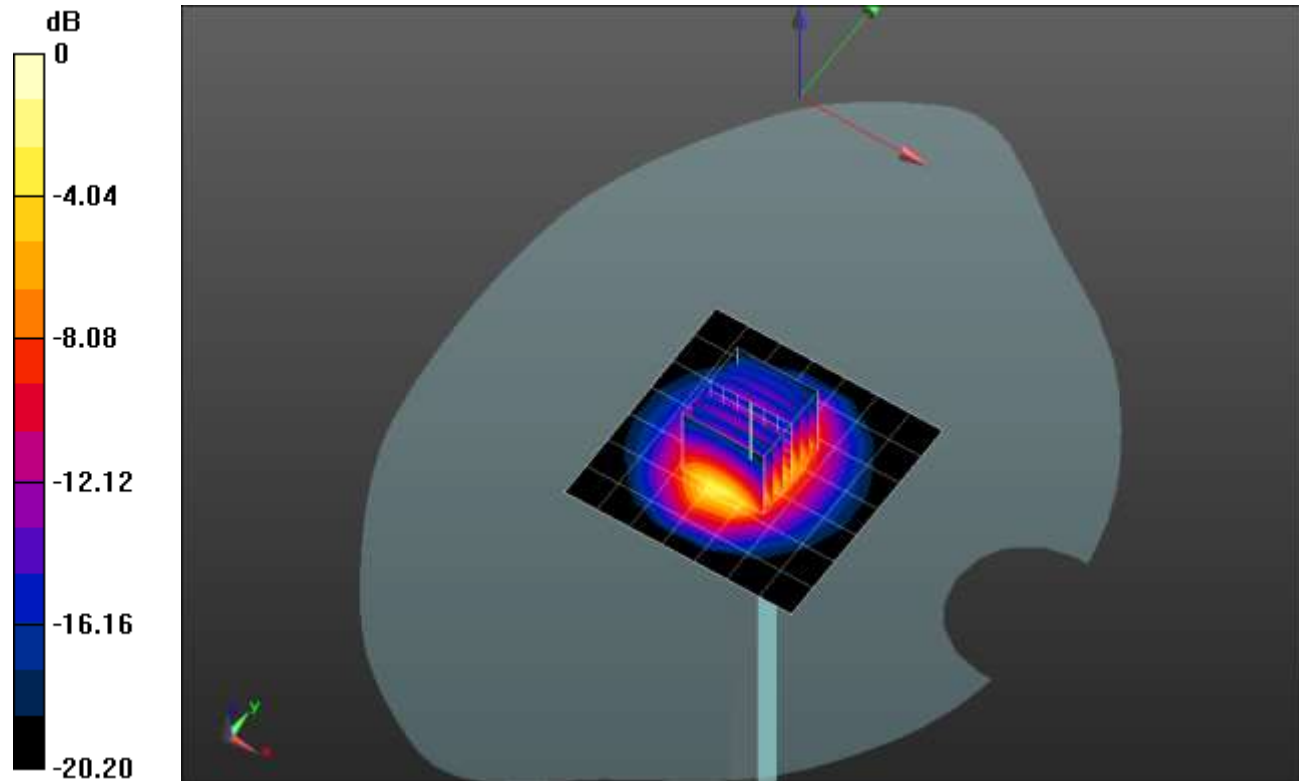
Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 65.14 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 9.88 W/kg

SAR(1 g) = 4.91 W/kg; SAR(10 g) = 2.37 W/kg

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



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

20220719_SystemPerformanceCheck-D3700V2 SN 1039

Frequency: 3700 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 3700$ MHz; $\sigma = 3.001$ S/m; $\epsilon_r = 39.41$; $\rho = 1000$ kg/m³

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 Sn1547; Calibrated: 4/21/2022
- Probe: EX3DV4 - SN3989; ConvF(7.05, 7.05, 7.05) @ 3700 MHz; Calibrated: 1/19/2022
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx

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

Maximum value of SAR (measured) = 8.63 W/kg

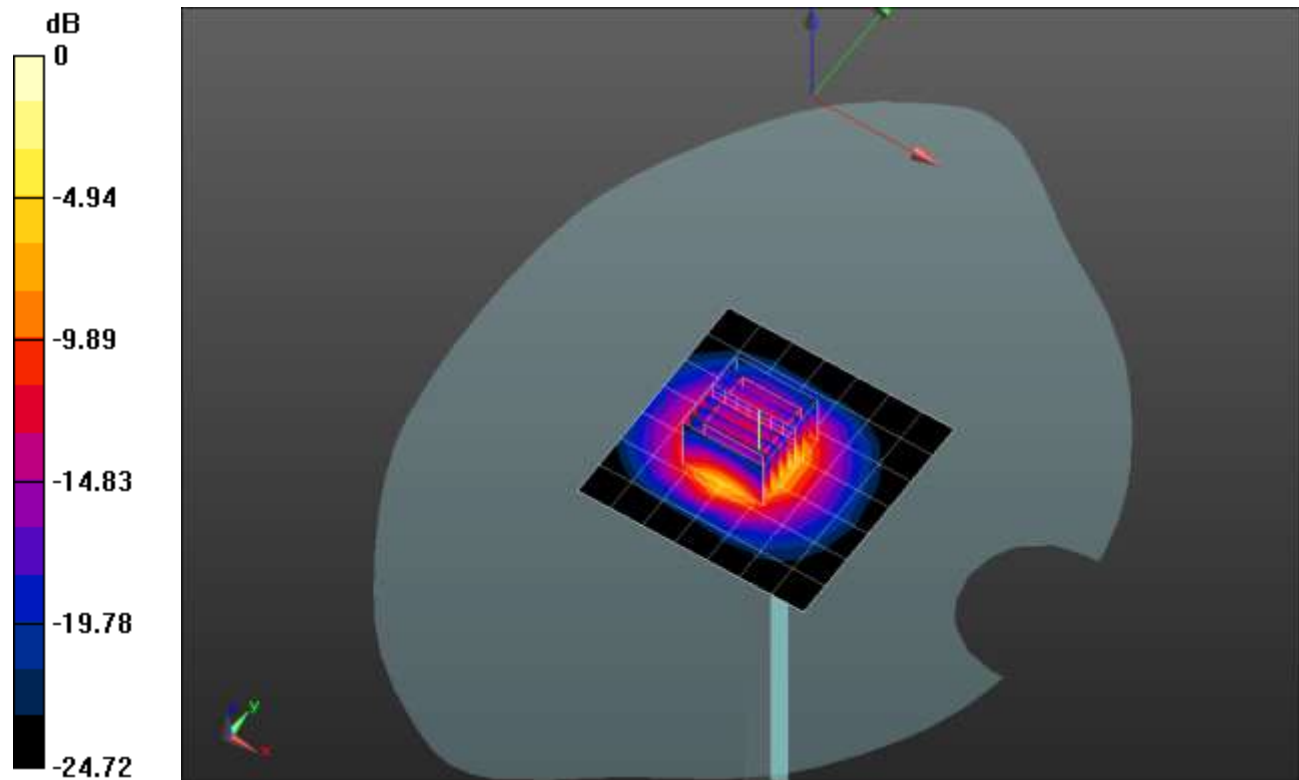
Head/Pin=100 mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 46.02 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 17.1 W/kg

SAR(1 g) = 6.61 W/kg; SAR(10 g) = 2.52 W/kg

Maximum value of SAR (measured) = 9.86 W/kg



0 dB = 9.86 W/kg = 9.94 dBW/kg

20220711_SystemPerformanceCheck-D1900V2 SN 5d163

Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.444 \text{ S/m}$; $\epsilon_r = 39.094$; $\rho = 1000 \text{ kg/m}^3$

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 Sn1548; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7482; ConvF(8.12, 8.12, 8.12); Calibrated: 4/26/2022;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM; Serial: 2048

Head/Pin=100 mW/Area Scan (7x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

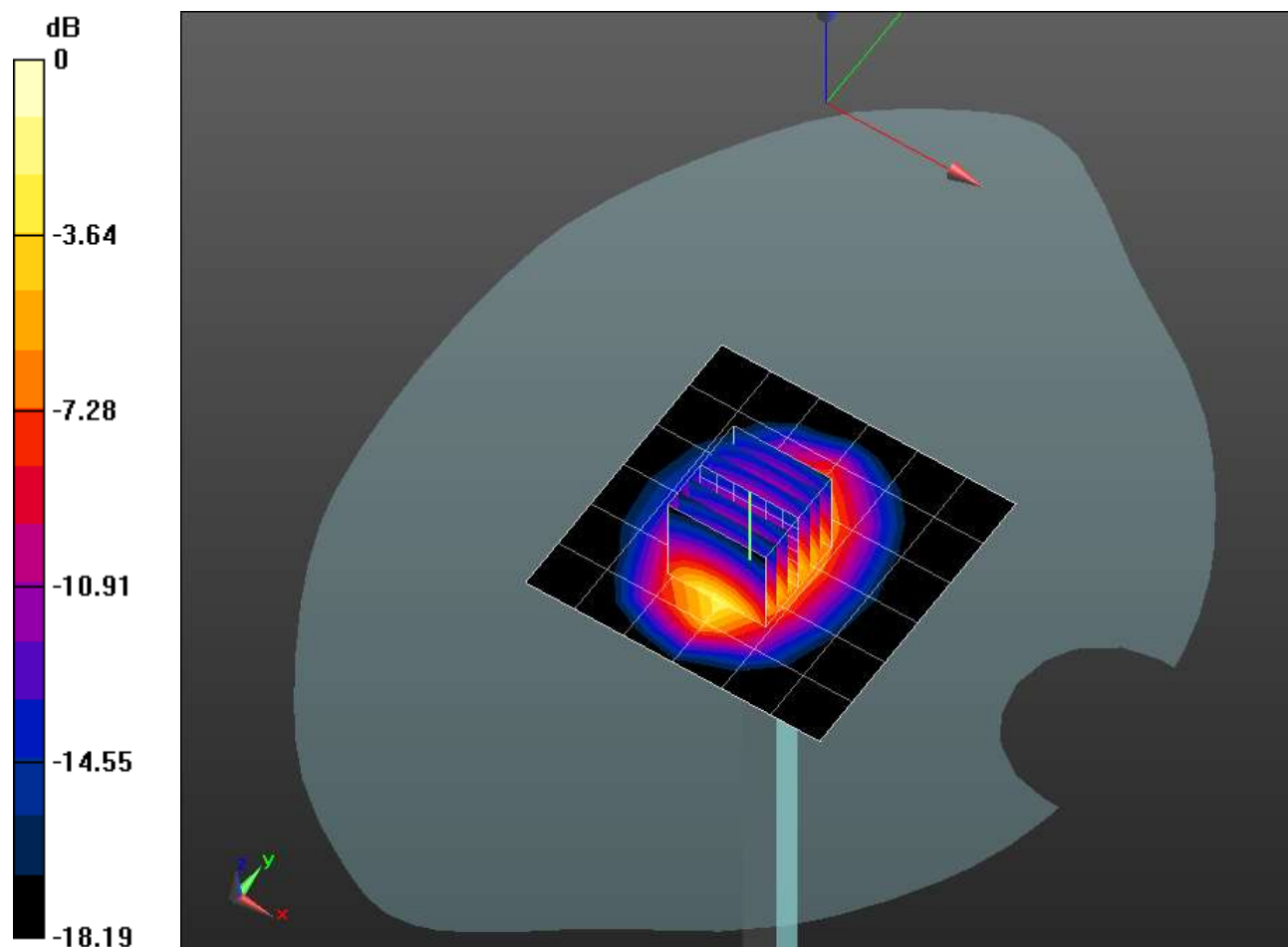
Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 63.33 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 8.21 W/kg

SAR(1 g) = 4.34 W/kg; SAR(10 g) = 2.25 W/kg

Maximum value of SAR (measured) = 5.93 W/kg



0 dB = 5.93 W/kg = 7.73 dBW/kg

20220717_SystemPerformanceCheck-D900V2 SN 1d143

Frequency: 900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 0.932 \text{ S/m}$; $\epsilon_r = 40.816$; $\rho = 1000 \text{ kg/m}^3$

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 Sn1548; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7482; ConvF(9.01, 9.01, 9.01); Calibrated: 4/26/2022;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM with CRP; Type: SAM; Serial: 1751

Head/Pin=100 mW/Area Scan (7x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 1.35 W/kg

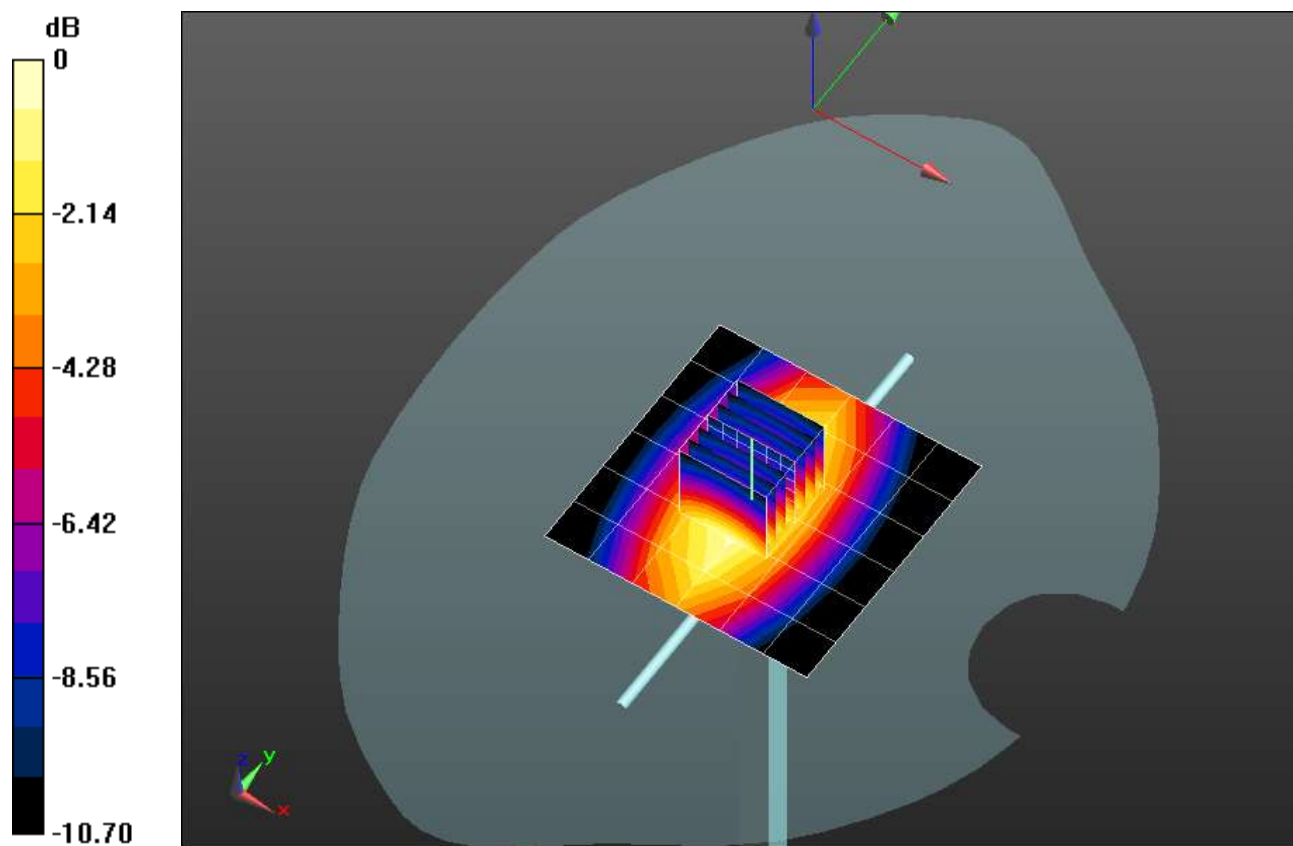
Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 39.58 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.741 W/kg

Maximum value of SAR (measured) = 1.39 W/kg



20220701_SystemPerformanceCheck-D750V3 SN 1019

Frequency: 750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.902 \text{ S/m}$; $\epsilon_r = 40.938$; $\rho = 1000 \text{ kg/m}^3$

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 Sn1380; Calibrated: 8/11/2021
- Probe: EX3DV4 - SN3686; ConvF(9.75, 9.75, 9.75) @ 750 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: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 1.01 W/kg

Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 32.14 V/m; Power Drift = 0.15 dB

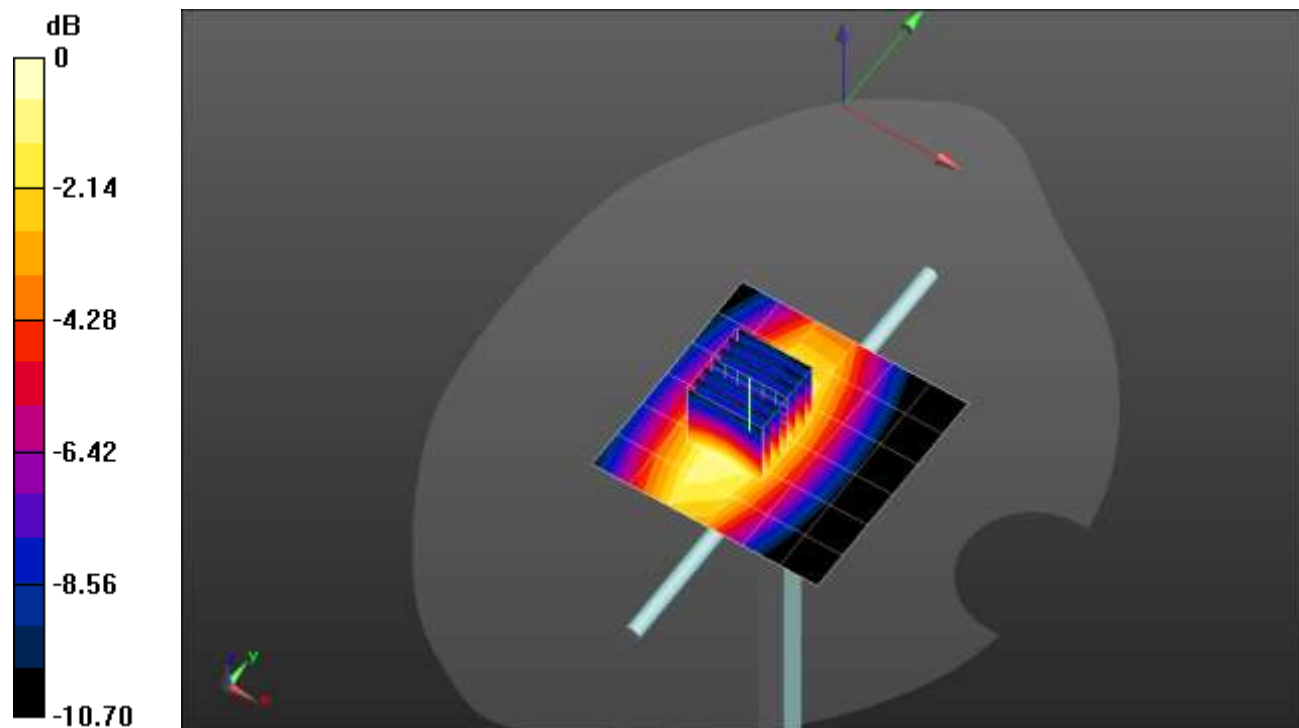
Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.916 W/kg; SAR(10 g) = 0.587 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid ($> 15 \text{ mm}$)

Ratio of SAR at M2 to SAR at M1 = 62.3%

Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.14 W/kg = 0.57 dBW/kg

20220711_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; $\sigma = 1.287$ S/m; $\epsilon_r = 38.763$; $\rho = 1000$ kg/m³

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) = 3.12 W/kg

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

Reference Value = 57.25 V/m; Power Drift = 0.18 dB

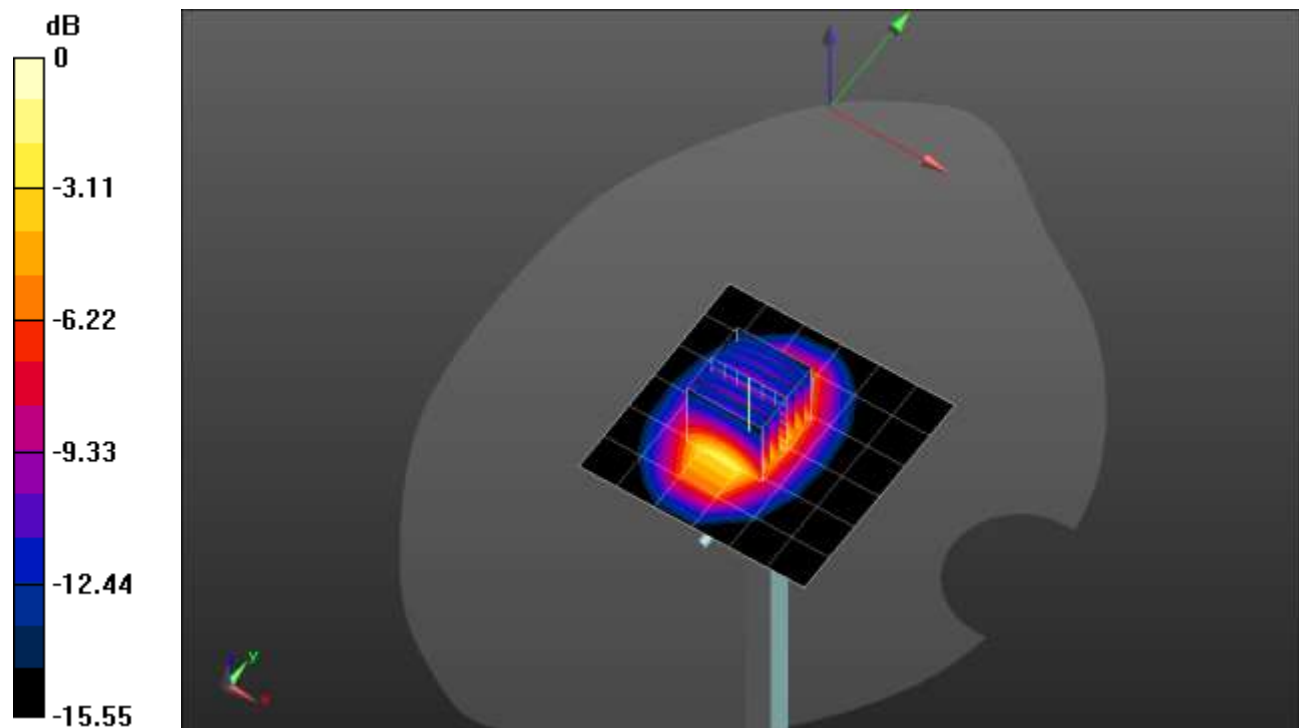
Peak SAR (extrapolated) = 5.48 W/kg

SAR(1 g) = 3.07 W/kg; SAR(10 g) = 1.69 W/kg

Smallest distance from peaks to all points 3 dB below = 12 mm

Ratio of SAR at M2 to SAR at M1 = 57%

Maximum value of SAR (measured) = 4.06 W/kg



0 dB = 4.06 W/kg = 6.09 dBW/kg

20220713_SystemPerformanceCheck-D1750V2 SN 1077

Frequency: 1750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 1750$ MHz; $\sigma = 1.318$ S/m; $\epsilon_r = 42.077$; $\rho = 1000$ kg/m³

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(7.67, 7.67, 7.67) @ 1750 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) = 3.47 W/kg

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

Reference Value = 51.62 V/m; Power Drift = 0.10 dB

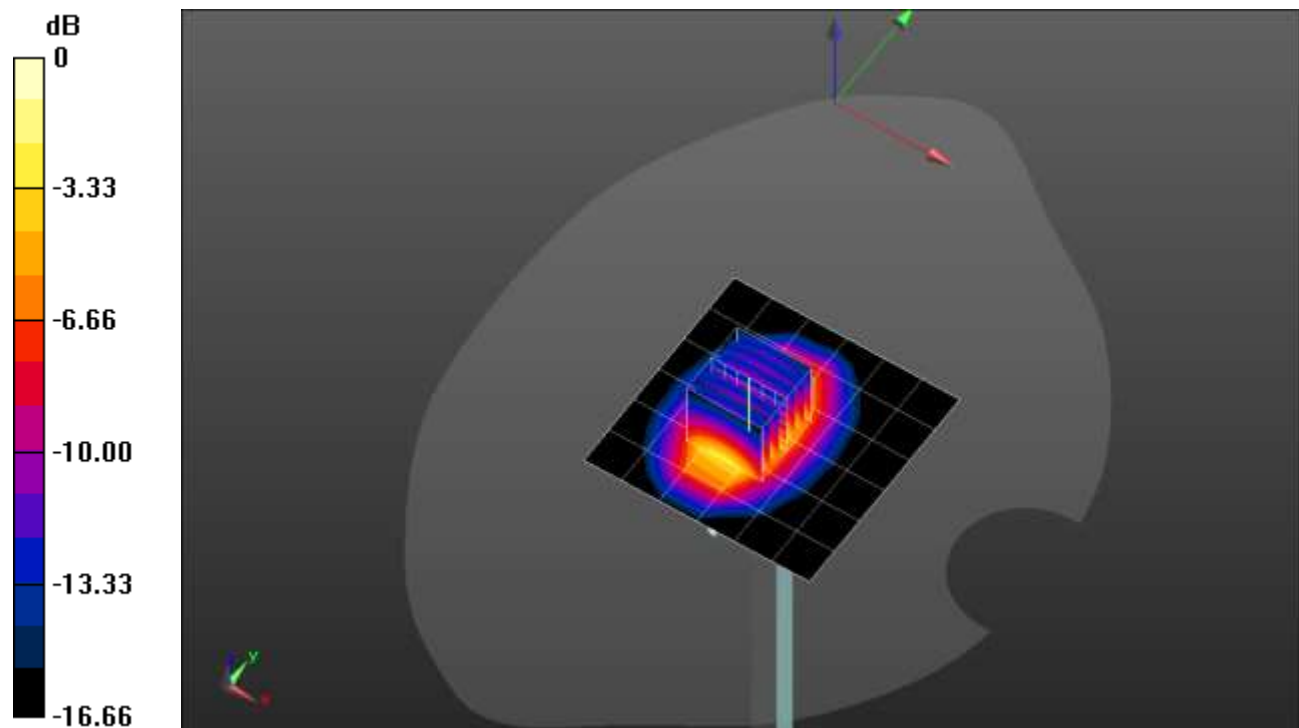
Peak SAR (extrapolated) = 6.22 W/kg

SAR(1 g) = 3.36 W/kg; SAR(10 g) = 1.79 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 55.3%

Maximum value of SAR (measured) = 4.50 W/kg



0 dB = 4.50 W/kg = 6.53 dBW/kg

20220701_SystemPerformanceCheck-D835V2 SN 4d142

Frequency: 835 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.914 \text{ S/m}$; $\epsilon_r = 39.676$; $\rho = 1000 \text{ kg/m}^3$

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 Sn1263; Calibrated: 10/12/2021
- Probe: EX3DV4 - SN7589; ConvF(10.09, 10.09, 10.09) @ 835 MHz; Calibrated: 4/28/2022
- 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 (7x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 1.11 W/kg

Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 35.31 V/m; Power Drift = 0.14 dB

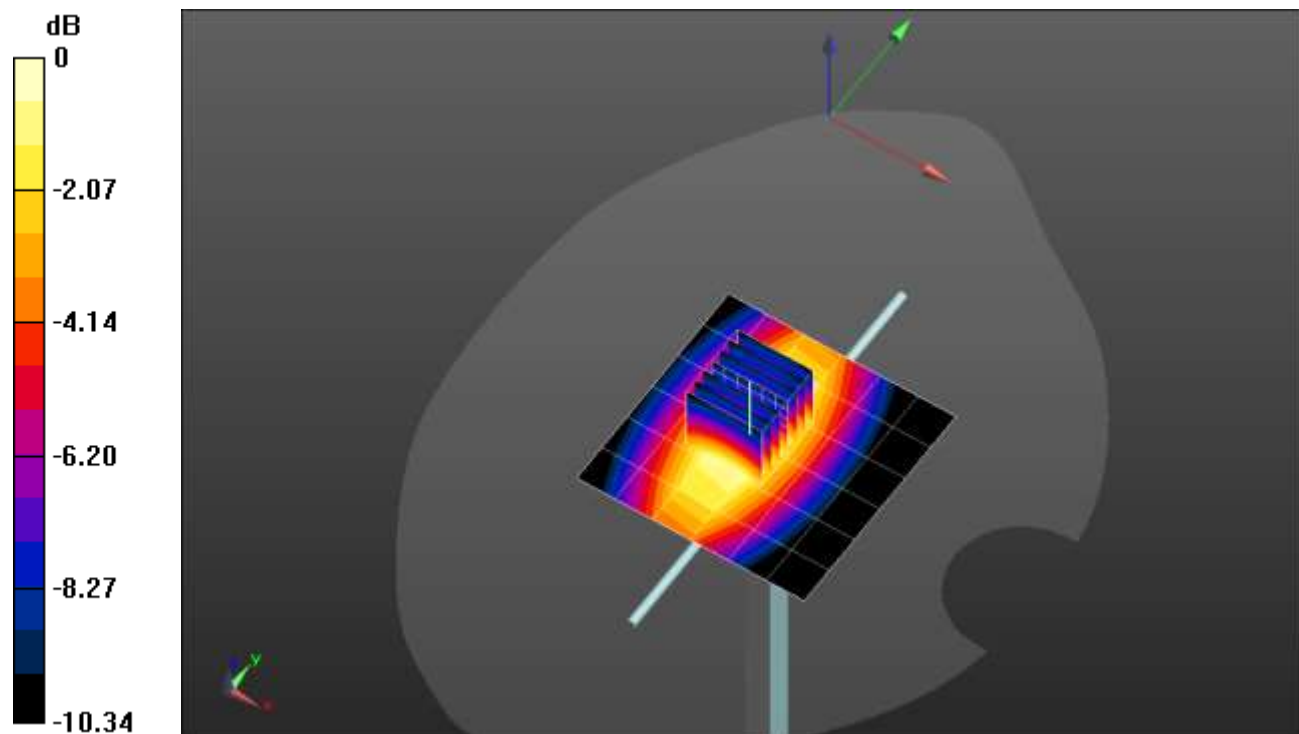
Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.665 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 67.4%

Maximum value of SAR (measured) = 1.23 W/kg



0 dB = 1.23 W/kg = 0.90 dBW/kg

20220715_SystemPerformanceCheck-D1900V2 SN 5d163

Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.423$ S/m; $\epsilon_r = 38.237$; $\rho = 1000$ kg/m³

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 Sn1263; Calibrated: 10/12/2021
- Probe: EX3DV4 - SN7589; ConvF(8.35, 8.35, 8.35) @ 1900 MHz; Calibrated: 4/28/2022
- 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 (7x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 4.19 W/kg

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

Reference Value = 59.97 V/m; Power Drift = 0.19 dB

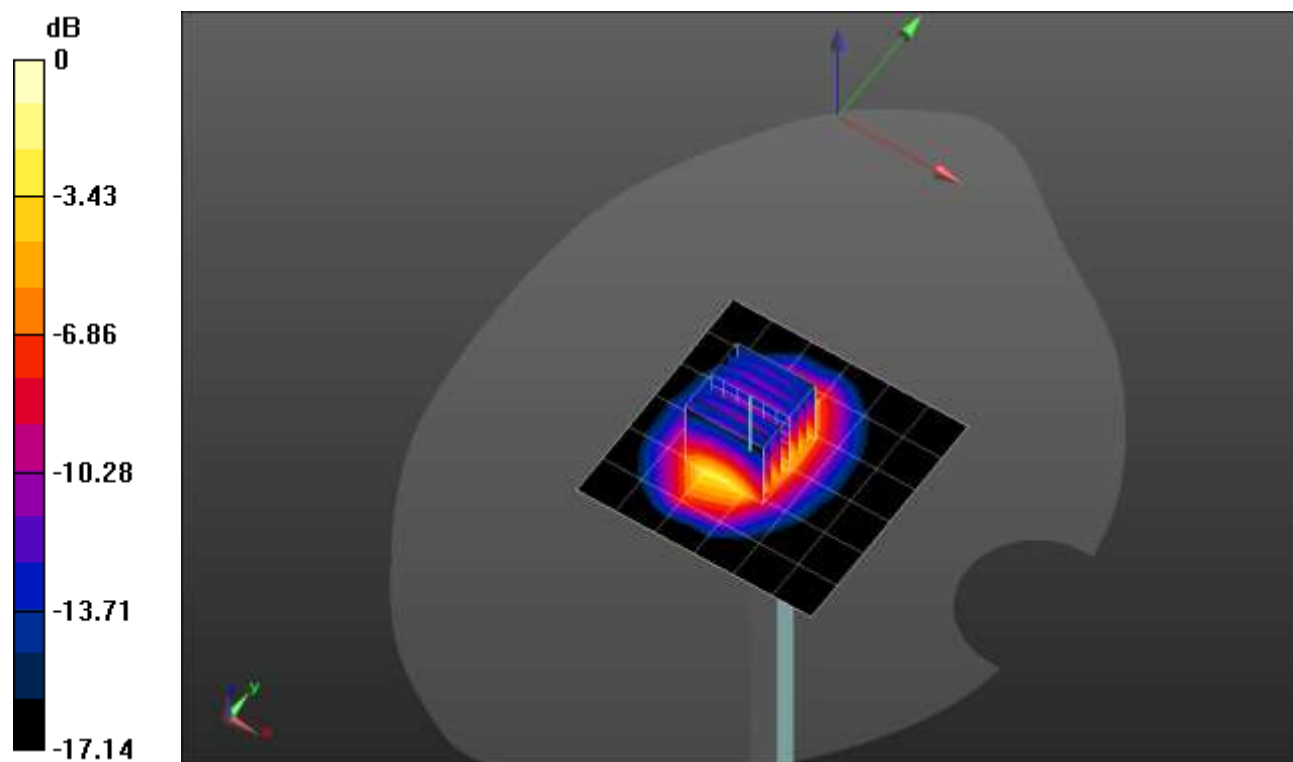
Peak SAR (extrapolated) = 7.83 W/kg

SAR(1 g) = 4.23 W/kg; SAR(10 g) = 2.24 W/kg

Smallest distance from peaks to all points 3 dB below = 10.8 mm

Ratio of SAR at M2 to SAR at M1 = 55.2%

Maximum value of SAR (measured) = 5.69 W/kg



0 dB = 5.69 W/kg = 7.55 dBW/kg

20220717_SystemPerformanceCheck-D900V2 SN 1d143

Frequency: 900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 0.909 \text{ S/m}$; $\epsilon_r = 42.731$; $\rho = 1000 \text{ kg/m}^3$

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 Sn1263; Calibrated: 10/12/2021
- Probe: EX3DV4 - SN7589; ConvF(10.09, 10.09, 10.09) @ 900 MHz; Calibrated: 4/28/2022
- 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 (7x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 1.19 W/kg

Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 36.78 V/m; Power Drift = 0.14 dB

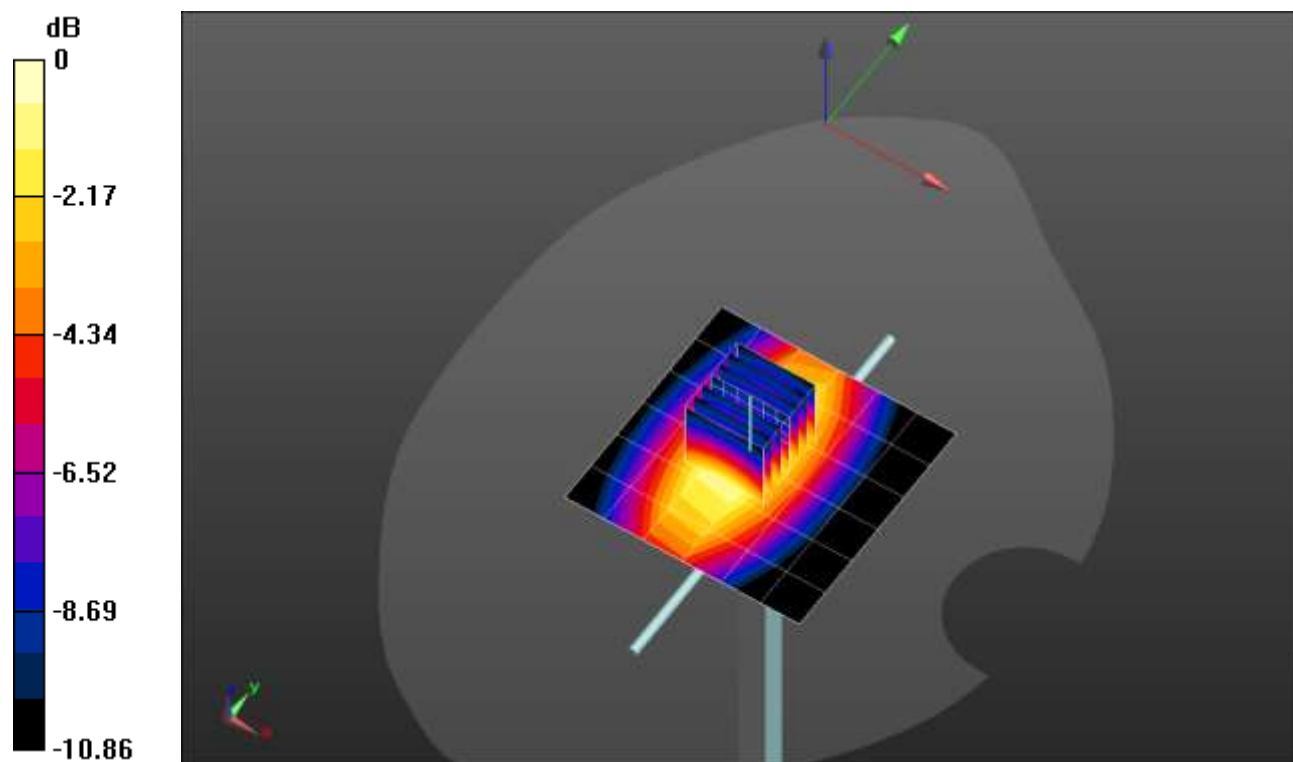
Peak SAR (extrapolated) = 1.72 W/kg

SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.699 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 64.2%

Maximum value of SAR (measured) = 1.35 W/kg



0 dB = 1.35 W/kg = 1.30 dBW/kg