

20211214_SystemPerformanceCheck-D750V3 SN 1024

Frequency: 750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.916 \text{ S/m}$; $\epsilon_r = 40.568$; $\rho = 1000 \text{ kg/m}^3$

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: 8/11/2021
- Probe: EX3DV4 - SN3772; ConvF(9.48, 9.48, 9.48) @ 750 MHz; Calibrated: 2/25/2021
- 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) = 1.15 W/kg

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

Reference Value = 35.71 V/m; Power Drift = -0.14 dB

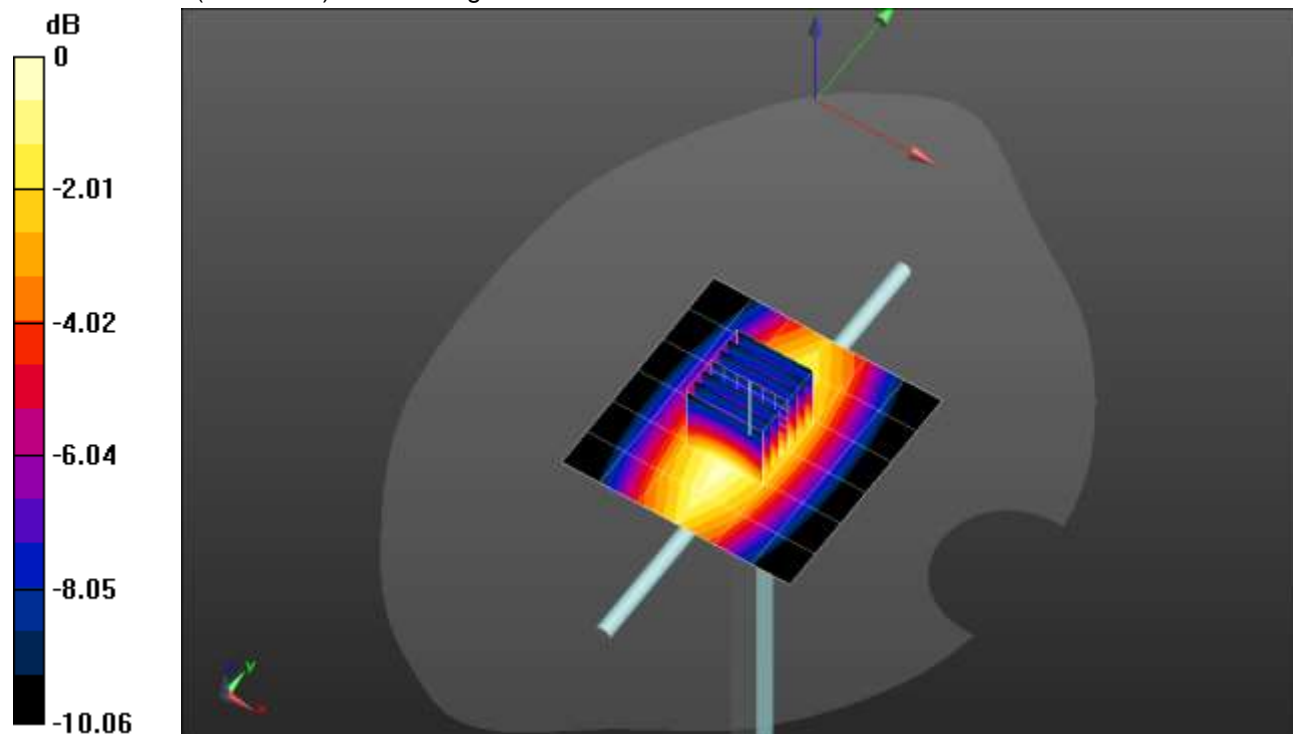
Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.915 W/kg; SAR(10 g) = 0.607 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%

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



0 dB = 1.11 W/kg = 0.45 dBW/kg

20220110_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: $f = 900 \text{ MHz}$; $\sigma = 0.924 \text{ S/m}$; $\epsilon_r = 42.455$; $\rho = 1000 \text{ kg/m}^3$

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: 8/11/2021
- Probe: EX3DV4 - SN3772; ConvF(9.04, 9.04, 9.04) @ 900 MHz; Calibrated: 2/25/2021
- 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) = 1.20 W/kg

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

Reference Value = 36.60 V/m; Power Drift = 0.06 dB

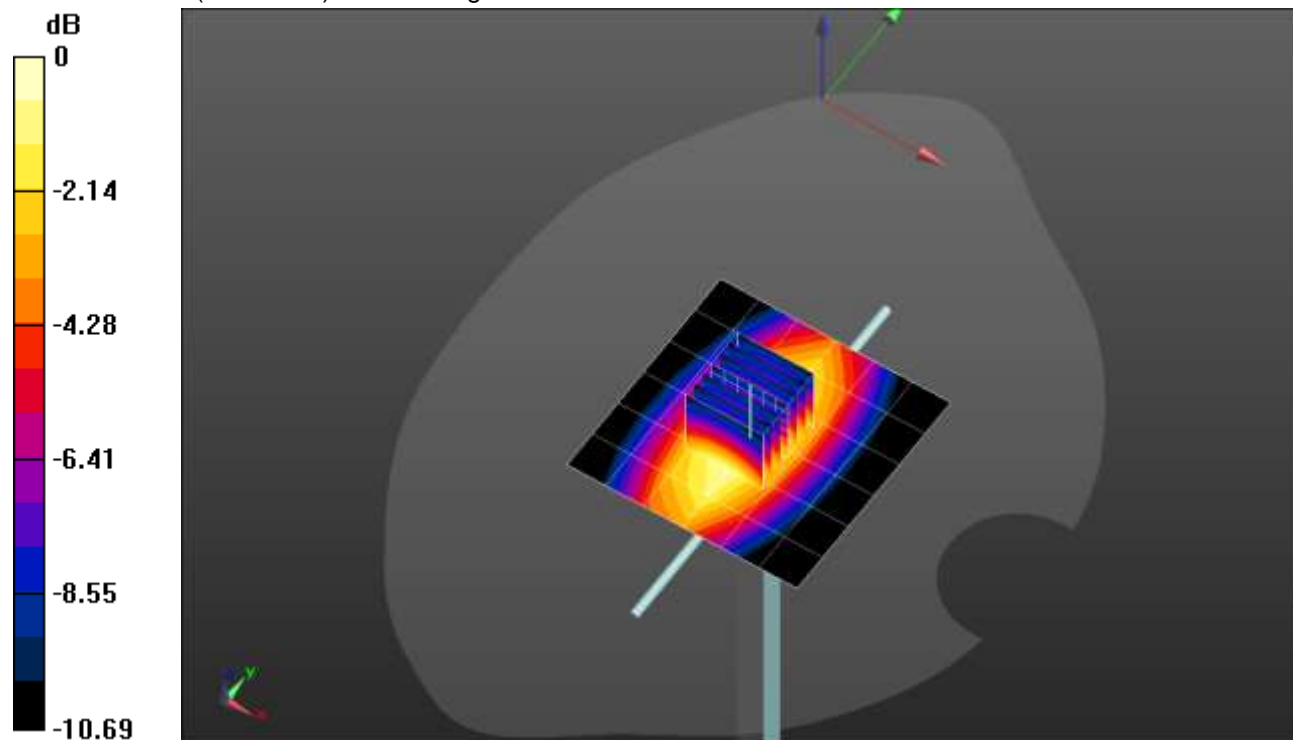
Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 1 W/kg; SAR(10 g) = 0.655 W/kg

Smallest distance from peaks to all points 3 dB below = 18 mm

Ratio of SAR at M2 to SAR at M1 = 67.5%

Maximum value of SAR (measured) = 1.22 W/kg



0 dB = 1.22 W/kg = 0.86 dBW/kg

20211214_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: $f = 1900 \text{ MHz}$; $\sigma = 1.393 \text{ S/m}$; $\epsilon_r = 38.602$; $\rho = 1000 \text{ kg/m}^3$

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 Sn1259; Calibrated: 8/19/2021
- Probe: EX3DV4 - SN3773; ConvF(7.78, 7.78, 7.78) @ 1900 MHz; Calibrated: 2/25/2021
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1629

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 = 61.03 V/m; Power Drift = 0.01 dB

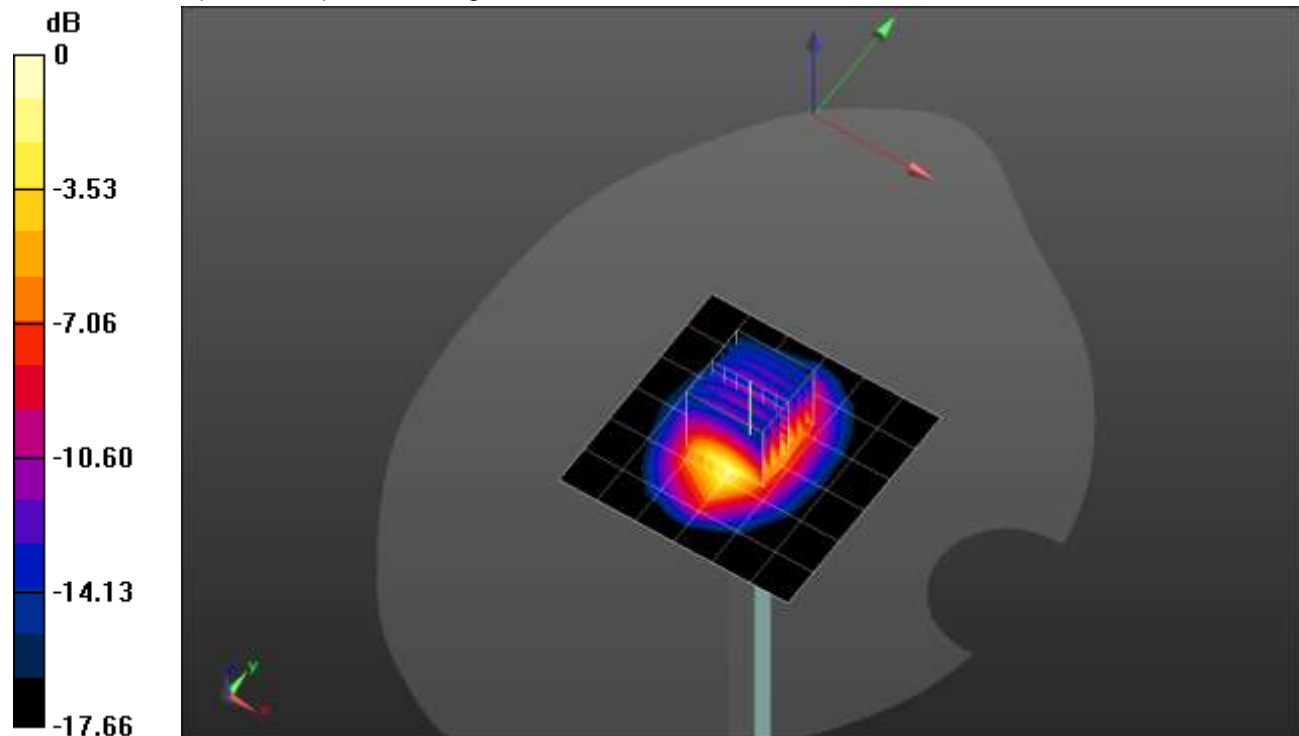
Peak SAR (extrapolated) = 7.20 W/kg

SAR(1 g) = 3.83 W/kg; SAR(10 g) = 1.97 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 53.8%

Maximum value of SAR (measured) = 5.21 W/kg



0 dB = 5.21 W/kg = 7.17 dBW/kg

20211214_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; $\sigma = 1.308$ S/m; $\epsilon_r = 38.861$; $\rho = 1000$ 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 Sn1259; Calibrated: 8/19/2021
- Probe: EX3DV4 - SN3773; ConvF(8.05, 8.05, 8.05) @ 1750 MHz; Calibrated: 2/25/2021
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1629

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

Maximum value of SAR (measured) = 4.49 W/kg

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

Reference Value = 59.92 V/m; Power Drift = 0.10 dB

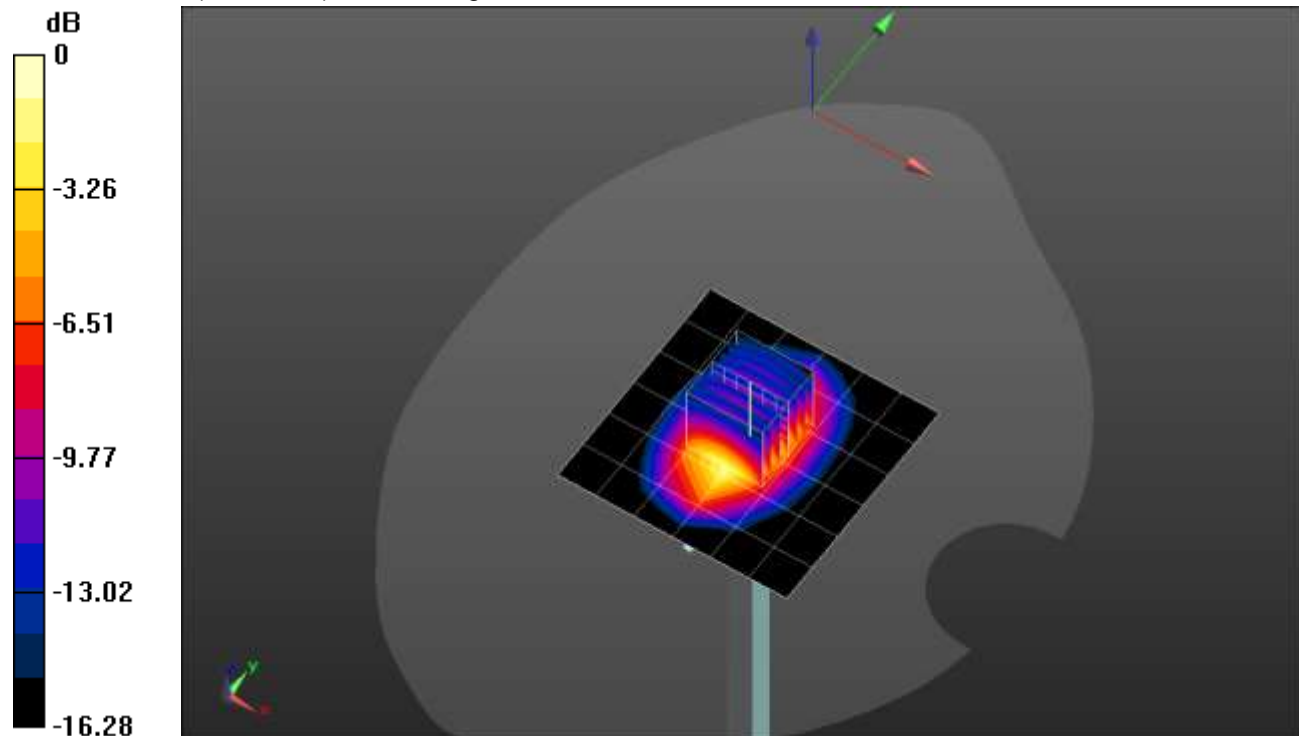
Peak SAR (extrapolated) = 6.55 W/kg

SAR(1 g) = 3.5 W/kg; SAR(10 g) = 1.85 W/kg

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

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

Maximum value of SAR (measured) = 4.71 W/kg



0 dB = 4.71 W/kg = 6.73 dBW/kg

20220104_SystemPerformanceCheck-D1750V2 SN 1053

Frequency: 1750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 1750 \text{ MHz}$; $\sigma = 1.341 \text{ S/m}$; $\epsilon_r = 38.306$; $\rho = 1000 \text{ kg/m}^3$

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 Sn1259; Calibrated: 8/19/2021
- Probe: EX3DV4 - SN3773; ConvF(8.05, 8.05, 8.05) @ 1750 MHz; Calibrated: 2/25/2021
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1629

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

Maximum value of SAR (measured) = 4.61 W/kg

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

Reference Value = 59.31 V/m; Power Drift = -0.03 dB

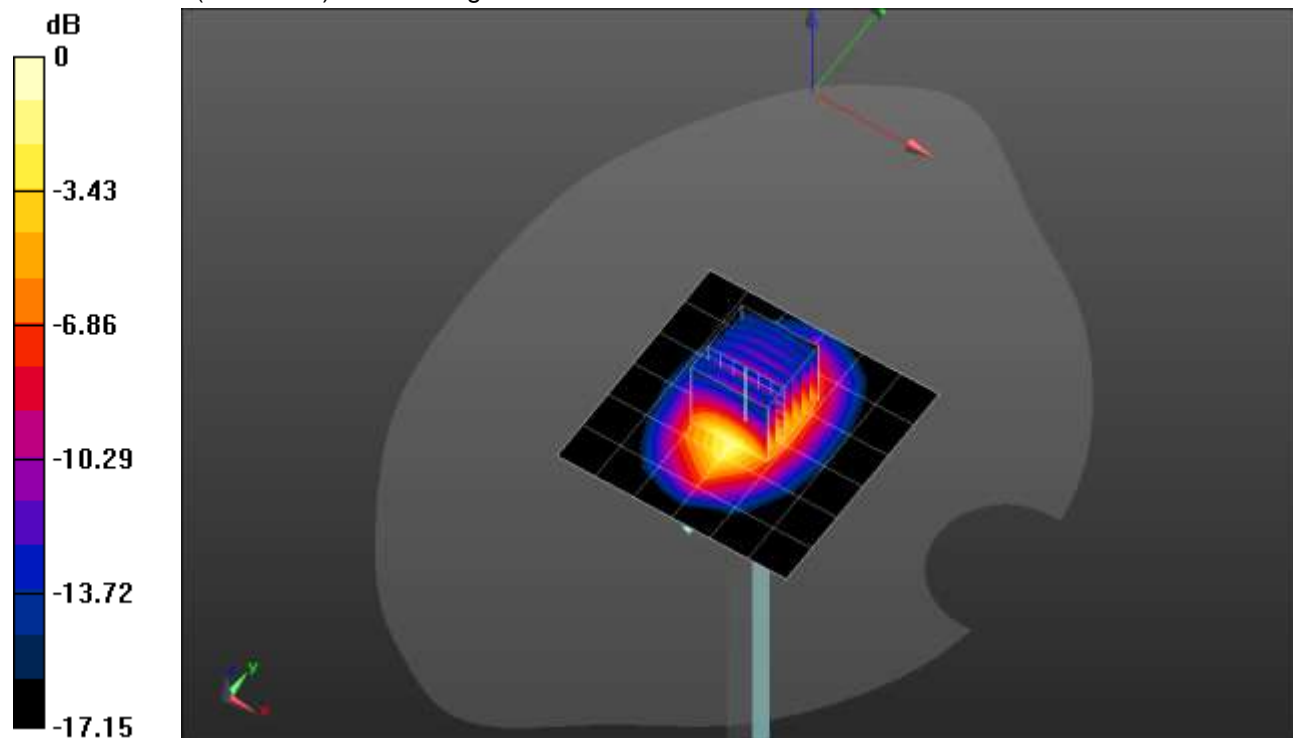
Peak SAR (extrapolated) = 6.40 W/kg

SAR(1 g) = 3.48 W/kg; SAR(10 g) = 1.84 W/kg

Smallest distance from peaks to all points 3 dB below = 10.4 mm

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

Maximum value of SAR (measured) = 4.66 W/kg



0 dB = 4.66 W/kg = 6.68 dBW/kg

20211216_SystemPerformanceCheck-D2600V2 SN 1036

Frequency: 2600 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 2600$ MHz; $\sigma = 1.898$ S/m; $\epsilon_r = 37.365$; $\rho = 1000$ 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: DAE4ip Sn1621; Calibrated: 4/20/2021
- Probe: EX3DV4 - SN3885; ConvF(7.26, 7.26, 7.26) @ 2600 MHz; Calibrated: 9/23/2021
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v4.0(A); Type: QD000P40CD; Serial: 1632

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 = 68.94 V/m; Power Drift = -0.01 dB

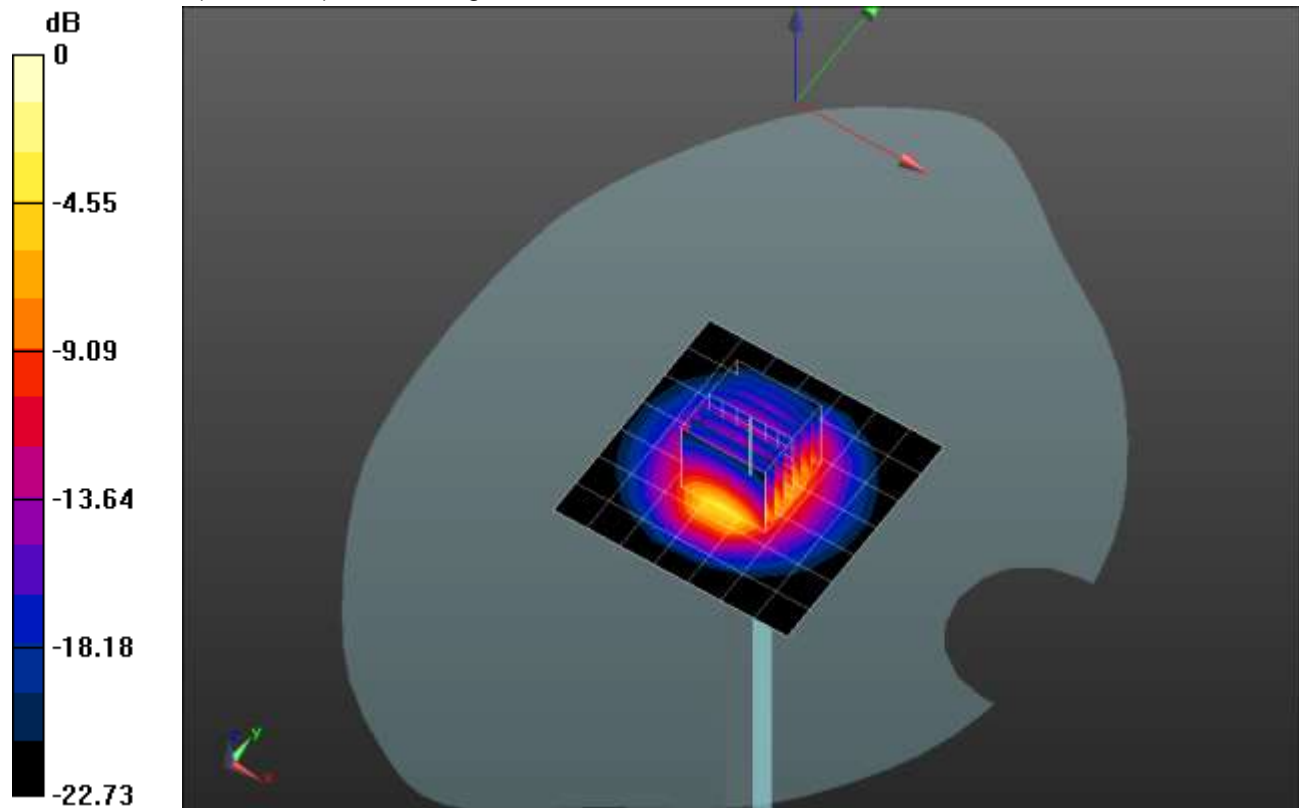
Peak SAR (extrapolated) = 13.1 W/kg

SAR(1 g) = 6 W/kg; SAR(10 g) = 2.7 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 46.8%

Maximum value of SAR (measured) = 8.72 W/kg



0 dB = 8.72 W/kg = 9.41 dBW/kg

20211217_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; $\sigma = 1.652$ S/m; $\epsilon_r = 39.474$; $\rho = 1000$ 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 Sn1547; Calibrated: 4/19/2021
- Probe: EX3DV4 - SN7587; ConvF(7.83, 7.83, 7.83) @ 2300 MHz; Calibrated: 4/27/2021
- 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) = 6.16 W/kg

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

Reference Value = 55.18 V/m; Power Drift = -0.17 dB

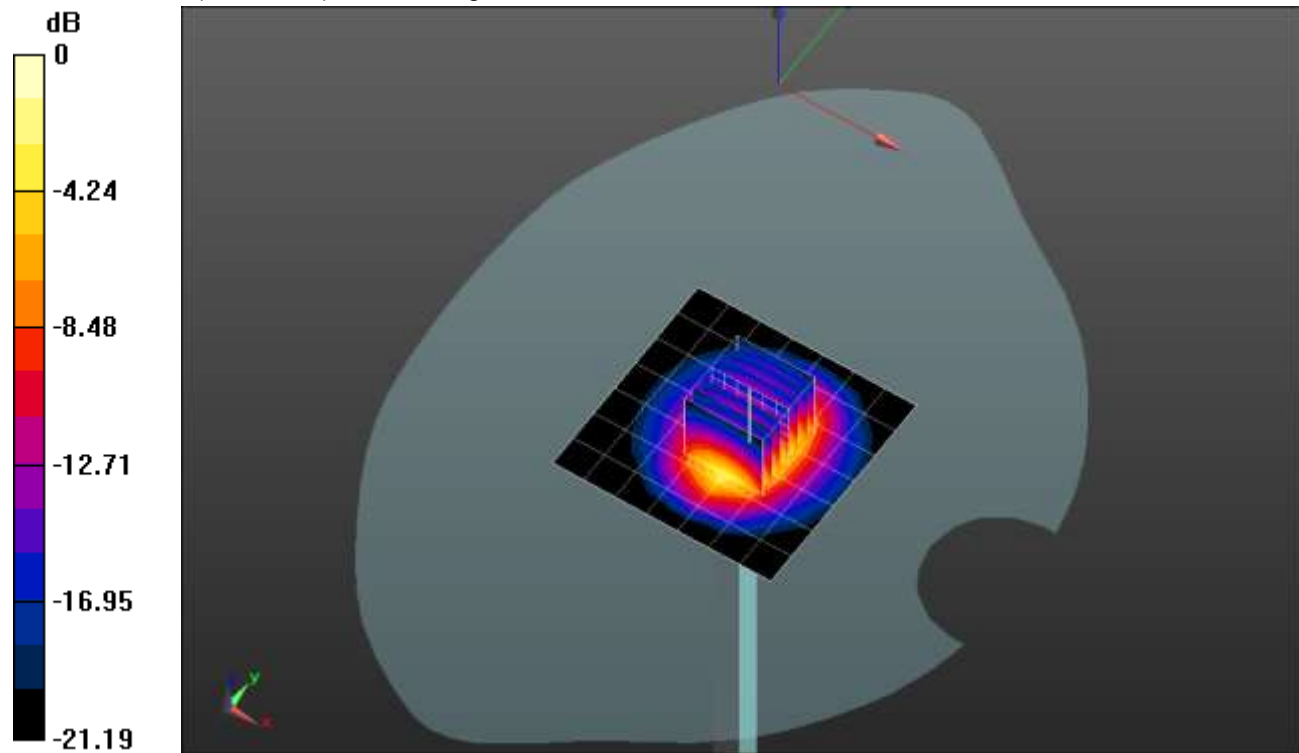
Peak SAR (extrapolated) = 9.53 W/kg

SAR(1 g) = 4.68 W/kg; SAR(10 g) = 2.22 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 49.5%

Maximum value of SAR (measured) = 6.59 W/kg



0 dB = 6.59 W/kg = 8.19 dBW/kg

20211216_SystemPerformanceCheck-D5GHzV2 SN 1003

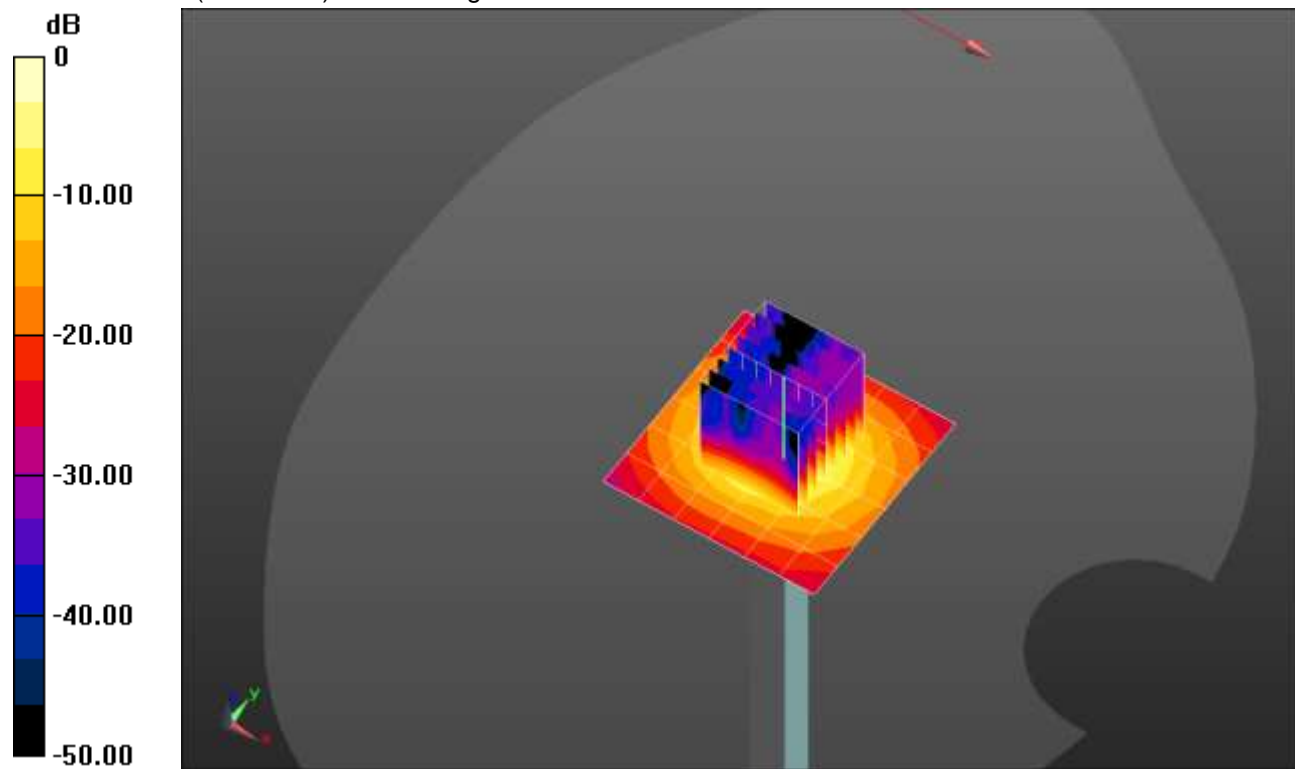
Frequency: 5750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 5750 \text{ MHz}$; $\sigma = 5.066 \text{ S/m}$; $\epsilon_r = 34.189$; $\rho = 1000 \text{ kg/m}^3$

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 Sn1257; Calibrated: 9/15/2021
- Probe: EX3DV4 - SN7500; ConvF(4.8, 4.8, 4.8) @ 5750 MHz; Calibrated: 3/18/2021
- 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) = 18.4 W/kg

Head/5.75 GHz, Pin=100mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 52.27 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 32.1 W/kg
SAR(1 g) = 6.97 W/kg; SAR(10 g) = 1.99 W/kg
Smallest distance from peaks to all points 3 dB below = 7.5 mm
Ratio of SAR at M2 to SAR at M1 = 60.7%
Maximum value of SAR (measured) = 17.2 W/kg



0 dB = 17.2 W/kg = 12.36 dBW/kg

20211216_SystemPerformanceCheck-D5GHzV2 SN 1003

Frequency: 5250 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5250$ MHz; $\sigma = 4.513$ S/m; $\epsilon_r = 35.109$; $\rho = 1000$ 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 Sn1257; Calibrated: 9/15/2021
- Probe: EX3DV4 - SN7500; ConvF(5.25, 5.25, 5.25) @ 5250 MHz; Calibrated: 3/18/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1831

Head/5.25 GHz, Pin=100mW/Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 18.2 W/kg

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

Reference Value = 56.72 V/m; Power Drift = -0.18 dB

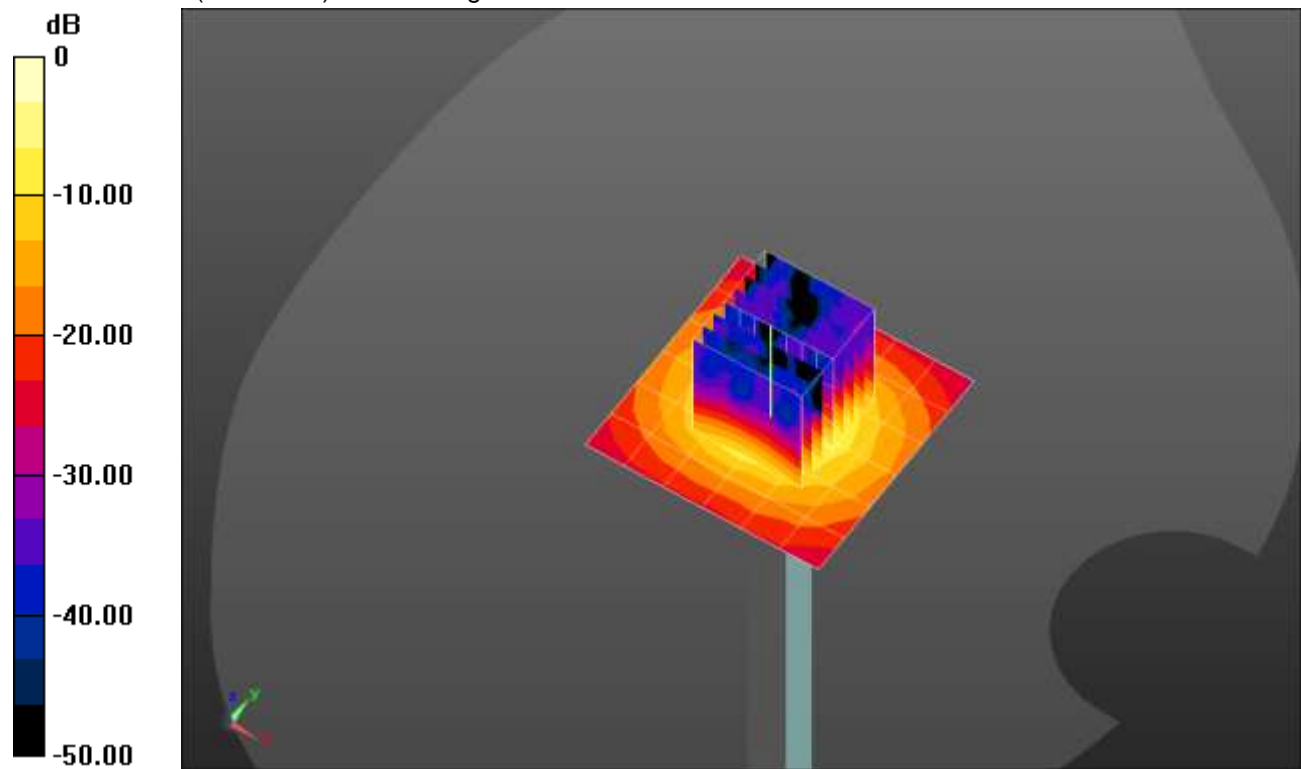
Peak SAR (extrapolated) = 28.4 W/kg

SAR(1 g) = 7.14 W/kg; SAR(10 g) = 2.06 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 65.3%

Maximum value of SAR (measured) = 16.9 W/kg



0 dB = 16.9 W/kg = 12.28 dBW/kg

20211228_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; $\sigma = 5.046$ S/m; $\epsilon_r = 34.099$; $\rho = 1000$ 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 Sn1257; Calibrated: 9/15/2021
- Probe: EX3DV4 - SN7500; ConvF(4.61, 4.61, 4.61) @ 5600 MHz; Calibrated: 3/18/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD000P40CD; Serial: 1629

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

Maximum value of SAR (measured) = 23.6 W/kg

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

Reference Value = 59.70 V/m; Power Drift = 0.01 dB

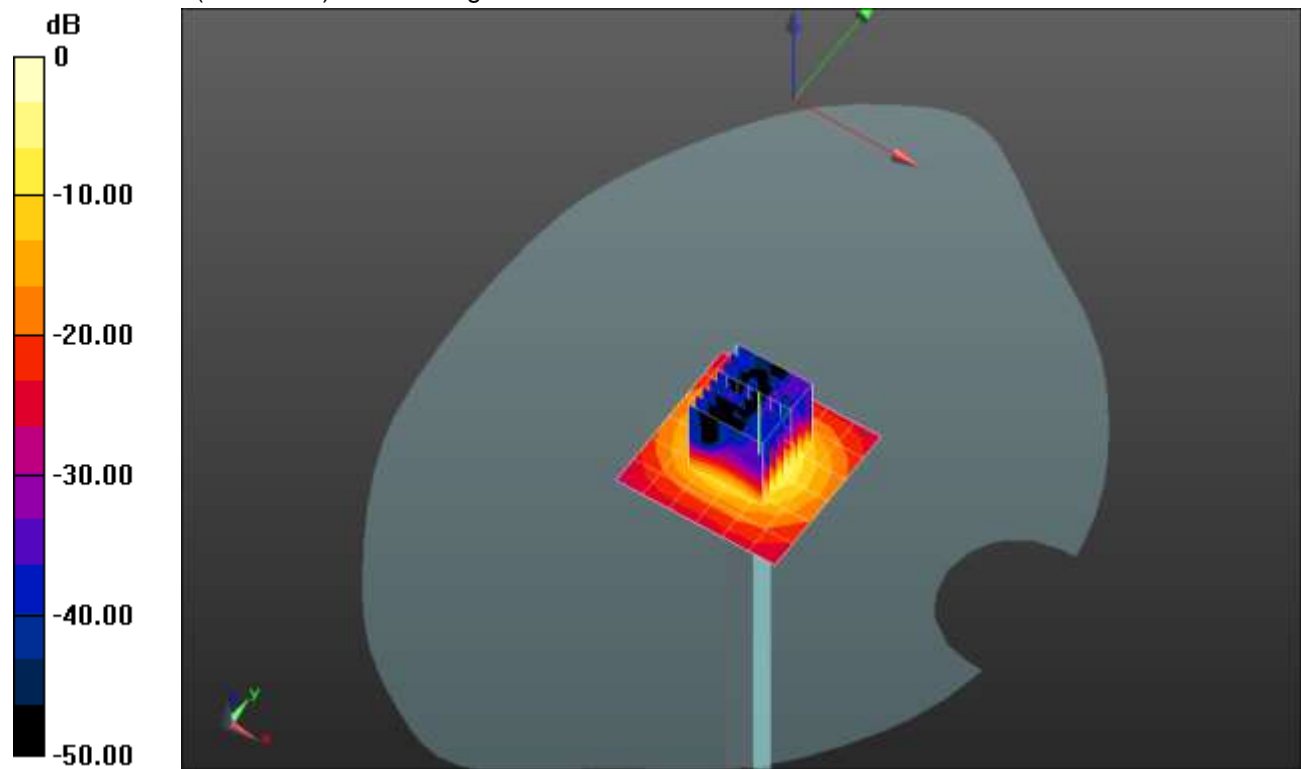
Peak SAR (extrapolated) = 41.6 W/kg

SAR(1 g) = 9.28 W/kg; SAR(10 g) = 2.62 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 61.5%

Maximum value of SAR (measured) = 22.8 W/kg



0 dB = 22.8 W/kg = 13.58 dBW/kg

20220104_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; $\sigma = 2.799$ S/m; $\epsilon_r = 38.2$; $\rho = 1000$ 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 Sn1433; Calibrated: 2/24/2021
- Probe: EX3DV4 - SN7448; ConvF(6.92, 6.92, 6.92) @ 3500 MHz; Calibrated: 2/26/2021
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: SAM; Serial: 1039

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

Maximum value of SAR (measured) = 6.95 W/kg

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

Reference Value = 57.87 V/m; Power Drift = -0.17 dB

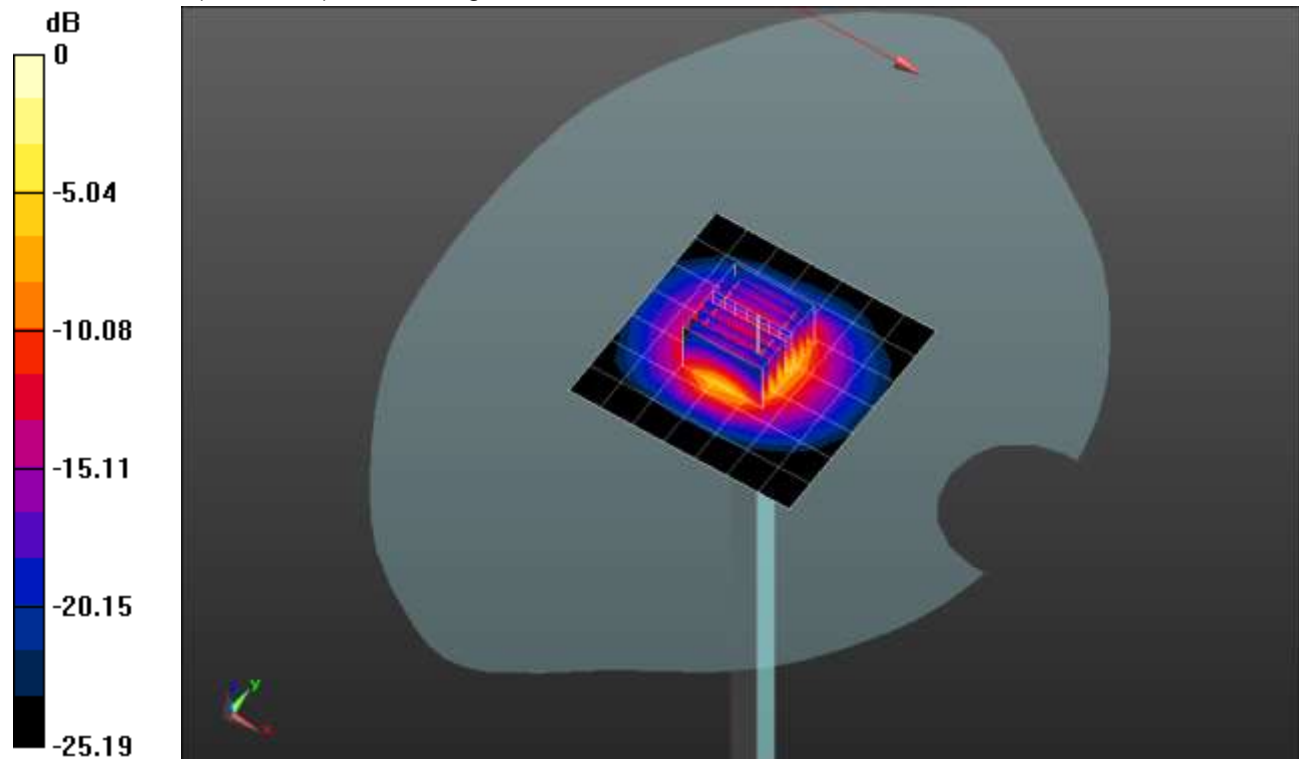
Peak SAR (extrapolated) = 14.5 W/kg

SAR(1 g) = 5.72 W/kg; SAR(10 g) = 2.17 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 56.6%

Maximum value of SAR (measured) = 8.59 W/kg



0 dB = 8.59 W/kg = 9.34 dBW/kg

20220104_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; $\sigma = 2.987$ S/m; $\epsilon_r = 37.86$; $\rho = 1000$ 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 Sn1433; Calibrated: 2/24/2021
- Probe: EX3DV4 - SN7448; ConvF(6.56, 6.56, 6.56) @ 3700 MHz; Calibrated: 2/26/2021
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: SAM; Serial: Serial: 1039

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

Maximum value of SAR (measured) = 7.53 W/kg

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

Reference Value = 57.56 V/m; Power Drift = 0.00 dB

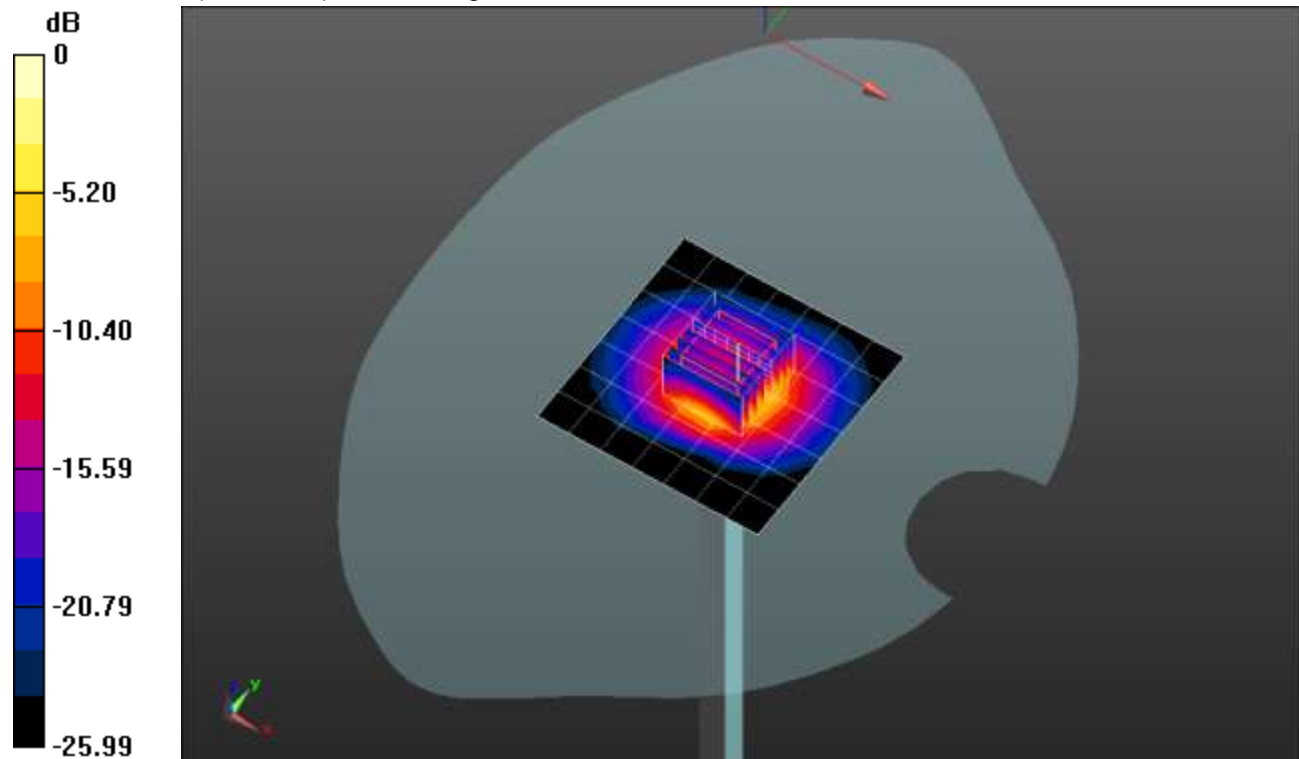
Peak SAR (extrapolated) = 16.2 W/kg

SAR(1 g) = 6.12 W/kg; SAR(10 g) = 2.26 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 55.1%

Maximum value of SAR (measured) = 9.18 W/kg



0 dB = 9.18 W/kg = 9.63 dBW/kg

20220114_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; $\sigma = 3.182$ S/m; $\epsilon_r = 38.084$; $\rho = 1000$ 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 Sn1433; Calibrated: 2/24/2021
- Probe: EX3DV4 - SN7448; ConvF(6.3, 6.3, 6.3) @ 3900 MHz; Calibrated: 2/26/2021
- 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) = 7.32 W/kg

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

Reference Value = 60.81 V/m; Power Drift = -0.01 dB

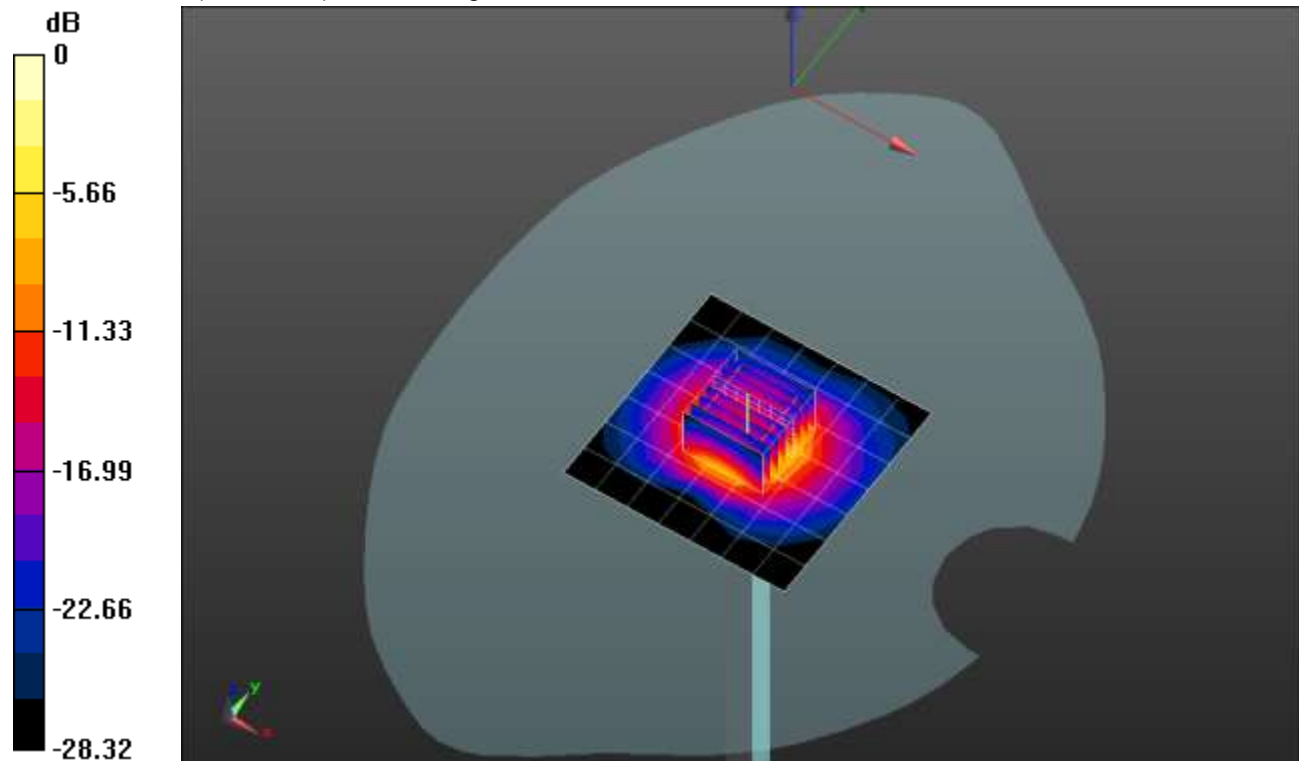
Peak SAR (extrapolated) = 18.2 W/kg

SAR(1 g) = 6.86 W/kg; SAR(10 g) = 2.43 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 54.9%

Maximum value of SAR (measured) = 10.6 W/kg



0 dB = 10.6 W/kg = 10.25 dBW/kg

2022120_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; $\sigma = 2.829$ S/m; $\epsilon_r = 38.046$; $\rho = 1000$ 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 Sn1433; Calibrated: 2/24/2021
- Probe: EX3DV4 - SN7448; ConvF(6.92, 6.92, 6.92) @ 3500 MHz; Calibrated: 2/26/2021
- 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) = 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 = 60.40 V/m; Power Drift = -0.06 dB

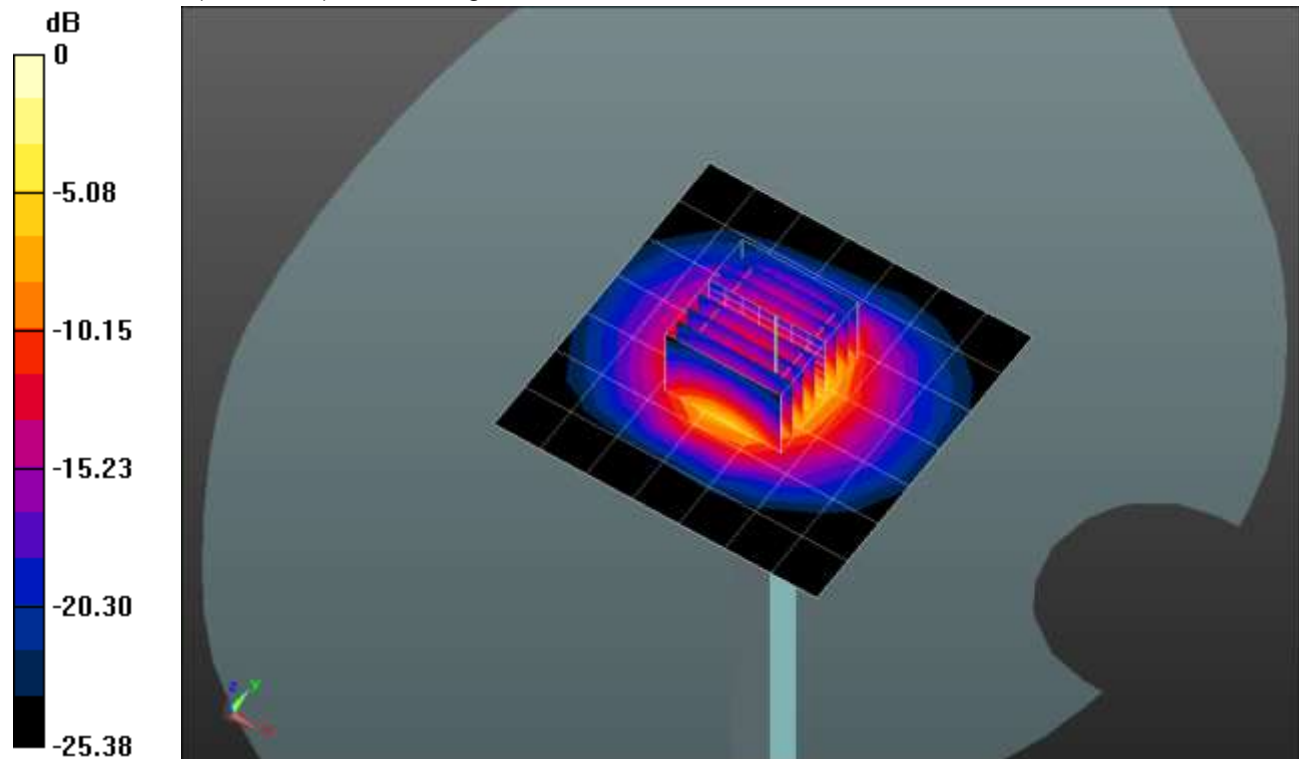
Peak SAR (extrapolated) = 16.0 W/kg

SAR(1 g) = 6.37 W/kg; SAR(10 g) = 2.43 W/kg

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

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

Maximum value of SAR (measured) = 9.68 W/kg



0 dB = 9.68 W/kg = 9.86 dBW/kg

20211214_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: $f = 2450 \text{ MHz}$; $\sigma = 1.877 \text{ S/m}$; $\epsilon_r = 38.887$; $\rho = 1000 \text{ kg/m}^3$

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 Sn1258; Calibrated: 3/18/2021
- Probe: EX3DV4 - SN3990; ConvF(7.87, 7.87, 7.87) @ 2450 MHz; Calibrated: 2/5/2021
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1629

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

Maximum value of SAR (measured) = 5.95 W/kg

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

Reference Value = 66.11 V/m; Power Drift = 0.04 dB

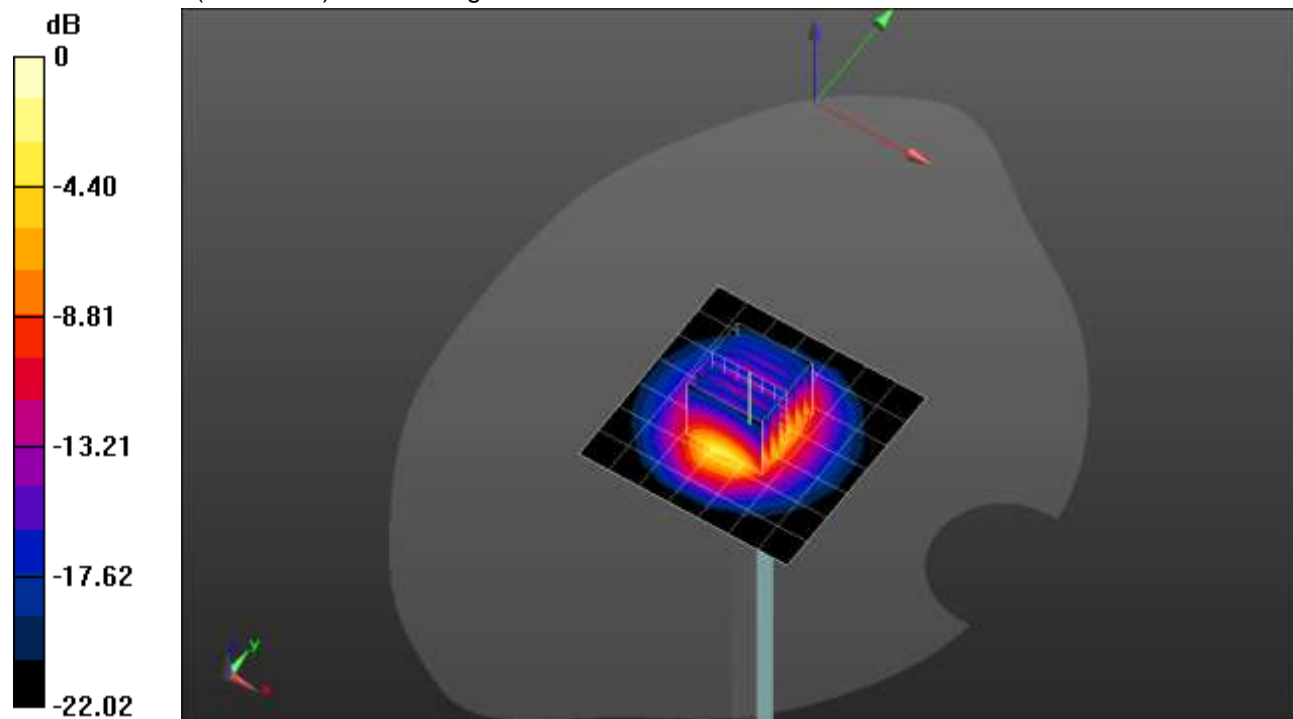
Peak SAR (extrapolated) = 11.8 W/kg

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

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

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

Maximum value of SAR (measured) = 8.06 W/kg



0 dB = 8.06 W/kg = 9.06 dBW/kg

20210105_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: $f = 3500 \text{ MHz}$; $\sigma = 2.786 \text{ S/m}$; $\epsilon_r = 38.273$; $\rho = 1000 \text{ kg/m}^3$

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 Sn1258; Calibrated: 3/18/2021
- Probe: EX3DV4 - SN3990; ConvF(7.04, 7.04, 7.04) @ 3500 MHz; Calibrated: 2/5/2021
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CE; Serial: xxxx

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

Maximum value of SAR (measured) = 7.02 W/kg

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

Reference Value = 60.84 V/m; Power Drift = -0.10 dB

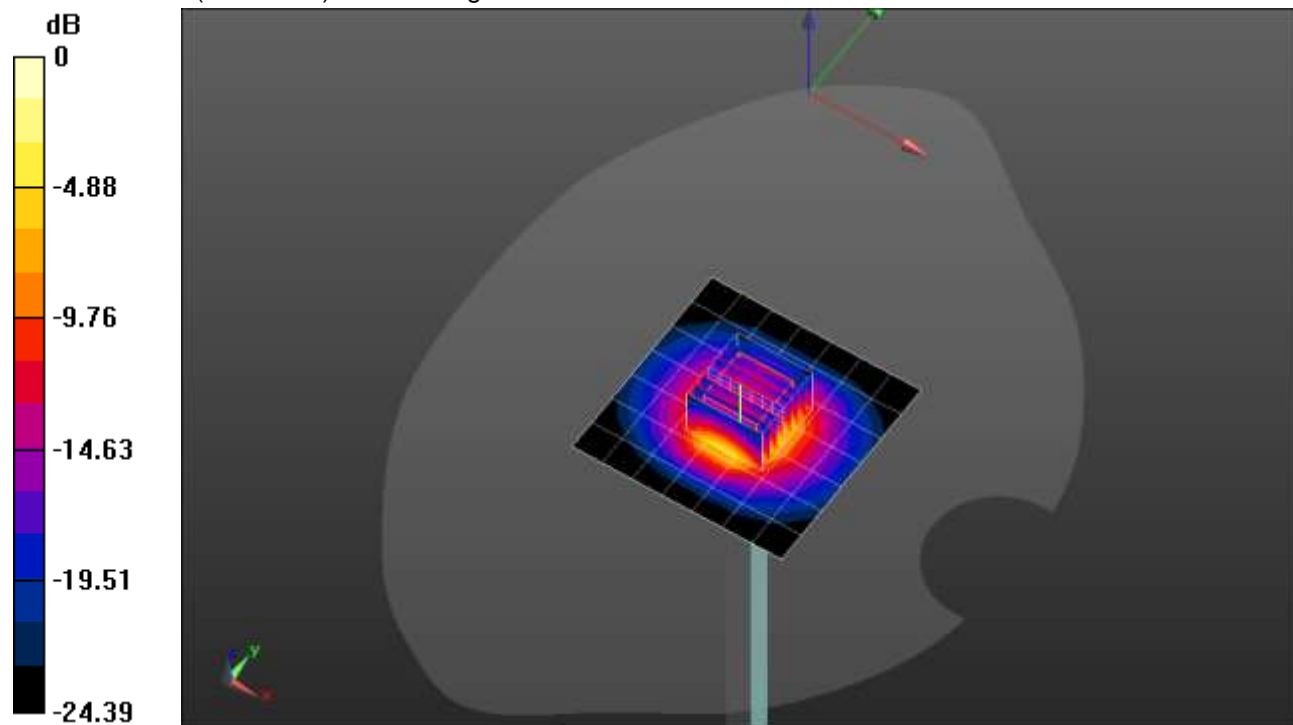
Peak SAR (extrapolated) = 16.1 W/kg

SAR(1 g) = 6.44 W/kg; SAR(10 g) = 2.49 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 57.6%

Maximum value of SAR (measured) = 9.59 W/kg



0 dB = 9.59 W/kg = 9.82 dBW/kg

20220120_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; $\sigma = 3$ S/m; $\epsilon_r = 38.739$; $\rho = 1000$ 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 Sn1258; Calibrated: 3/18/2021
- Probe: EX3DV4 - SN3990; ConvF(7, 7, 7) @ 3700 MHz; Calibrated: 2/5/2021
- 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) = 6.82 W/kg

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

Reference Value = 62.13 V/m; Power Drift = -0.08 dB

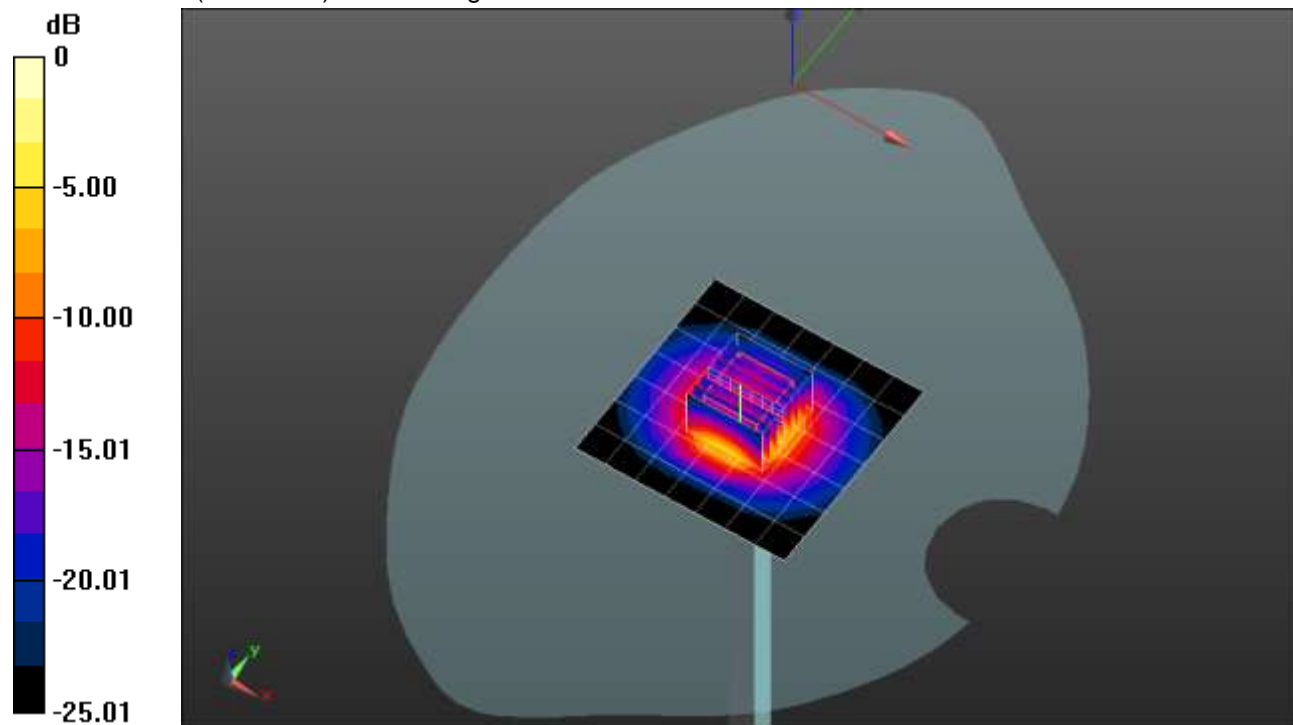
Peak SAR (extrapolated) = 17.6 W/kg

SAR(1 g) = 6.93 W/kg; SAR(10 g) = 2.62 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 56.6%

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



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

20211214_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; $\sigma = 2.782$ S/m; $\epsilon_r = 39.272$; $\rho = 1000$ 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 Sn1377; Calibrated: 9/20/2021
- Probe: EX3DV4 - SN7463; ConvF(6.7, 6.7, 6.7) @ 3500 MHz; Calibrated: 4/26/2021
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD000P40CD; Serial: 1629

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

Maximum value of SAR (measured) = 7.53 W/kg

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

Reference Value = 59.06 V/m; Power Drift = 0.12 dB

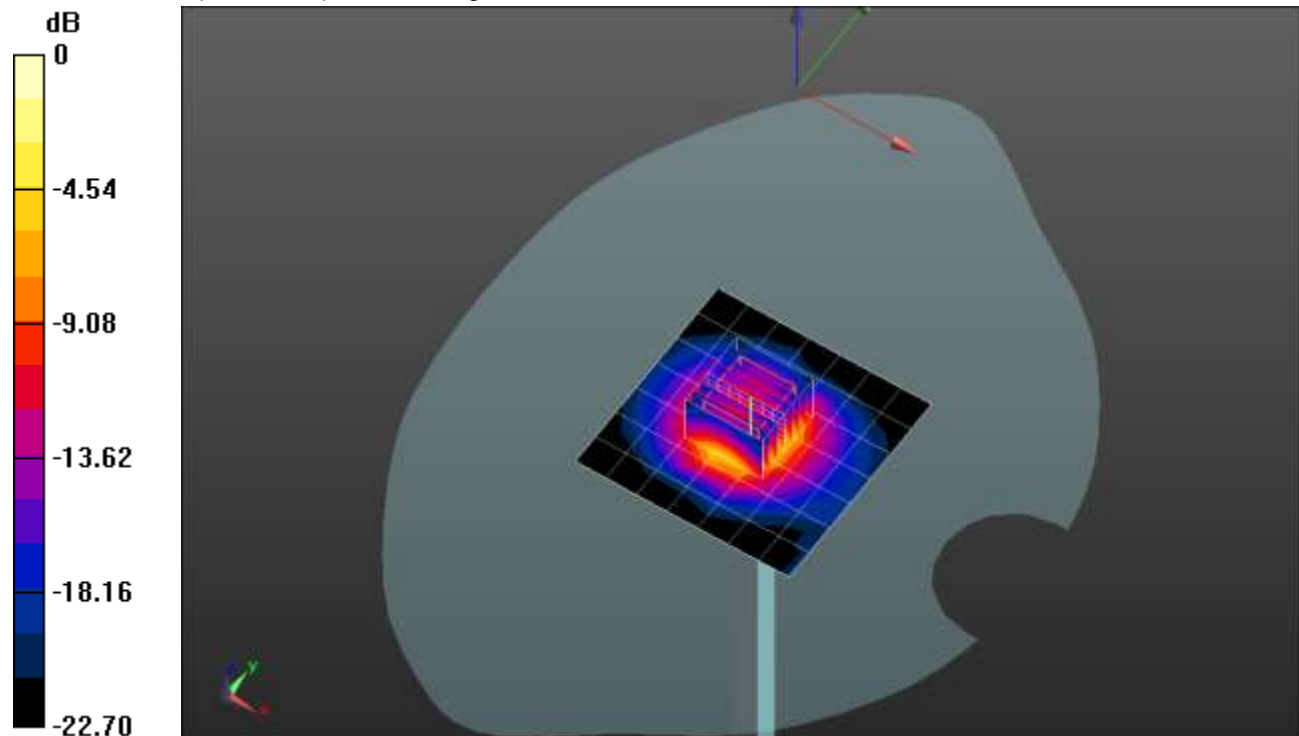
Peak SAR (extrapolated) = 16.4 W/kg

SAR(1 g) = 6.54 W/kg; SAR(10 g) = 2.57 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 58.2%

Maximum value of SAR (measured) = 9.41 W/kg



0 dB = 9.41 W/kg = 9.74 dBW/kg

20220104_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; $\epsilon_r = 37.76$; $\rho = 1000$ 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 Sn1377; Calibrated: 9/20/2021
- Probe: EX3DV4 - SN7463; ConvF(6.37, 6.37, 6.37) @ 3900 MHz; Calibrated: 4/26/2021
- 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) = 6.12 W/kg

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

Reference Value = 60.49 V/m; Power Drift = -0.13 dB

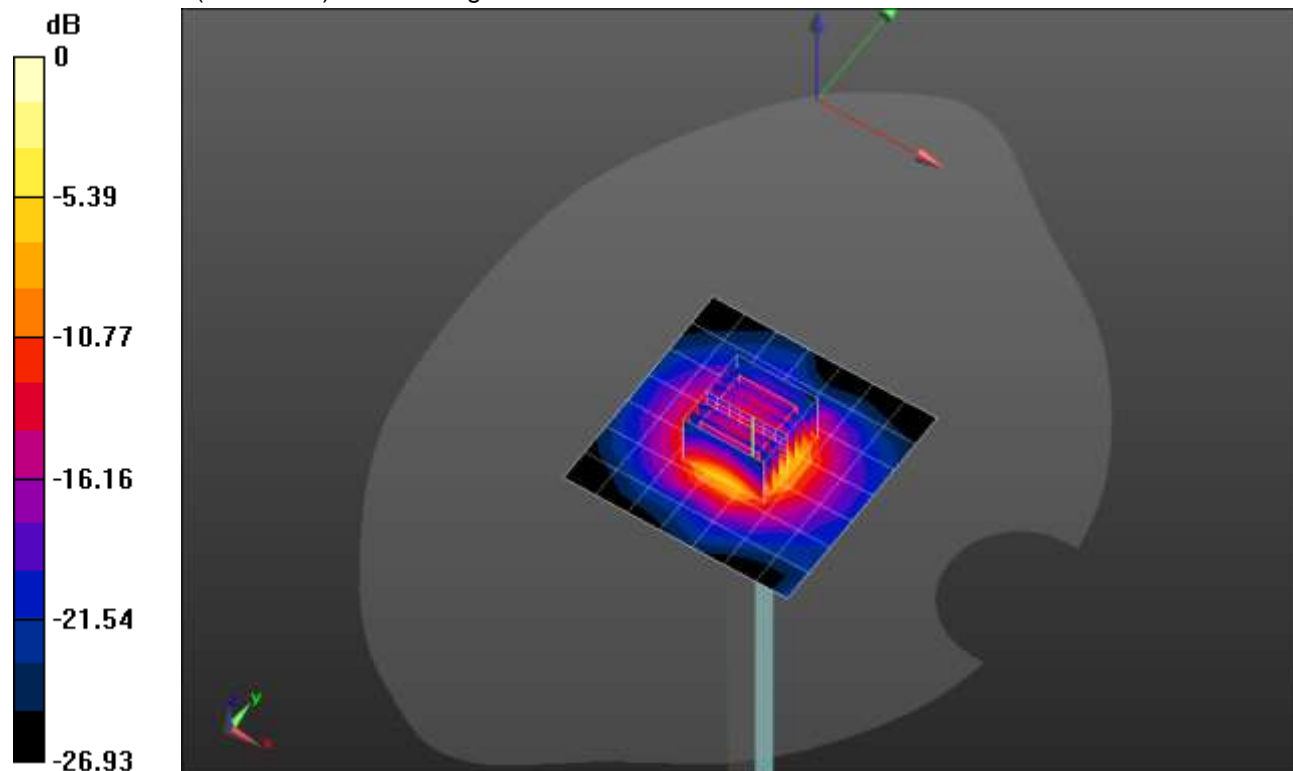
Peak SAR (extrapolated) = 17.1 W/kg

SAR(1 g) = 6.54 W/kg; SAR(10 g) = 2.35 W/kg

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

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

Maximum value of SAR (measured) = 9.92 W/kg



0 dB = 9.92 W/kg = 9.97 dBW/kg

20220110_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; $\sigma = 3.013$ S/m; $\epsilon_r = 38.714$; $\rho = 1000$ 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 Sn1377; Calibrated: 9/20/2021
- Probe: EX3DV4 - SN7463; ConvF(6.63, 6.63, 6.63) @ 3700 MHz; Calibrated: 4/26/2021
- 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) = 7.08 W/kg

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

Reference Value = 60.63 V/m; Power Drift = 0.04 dB

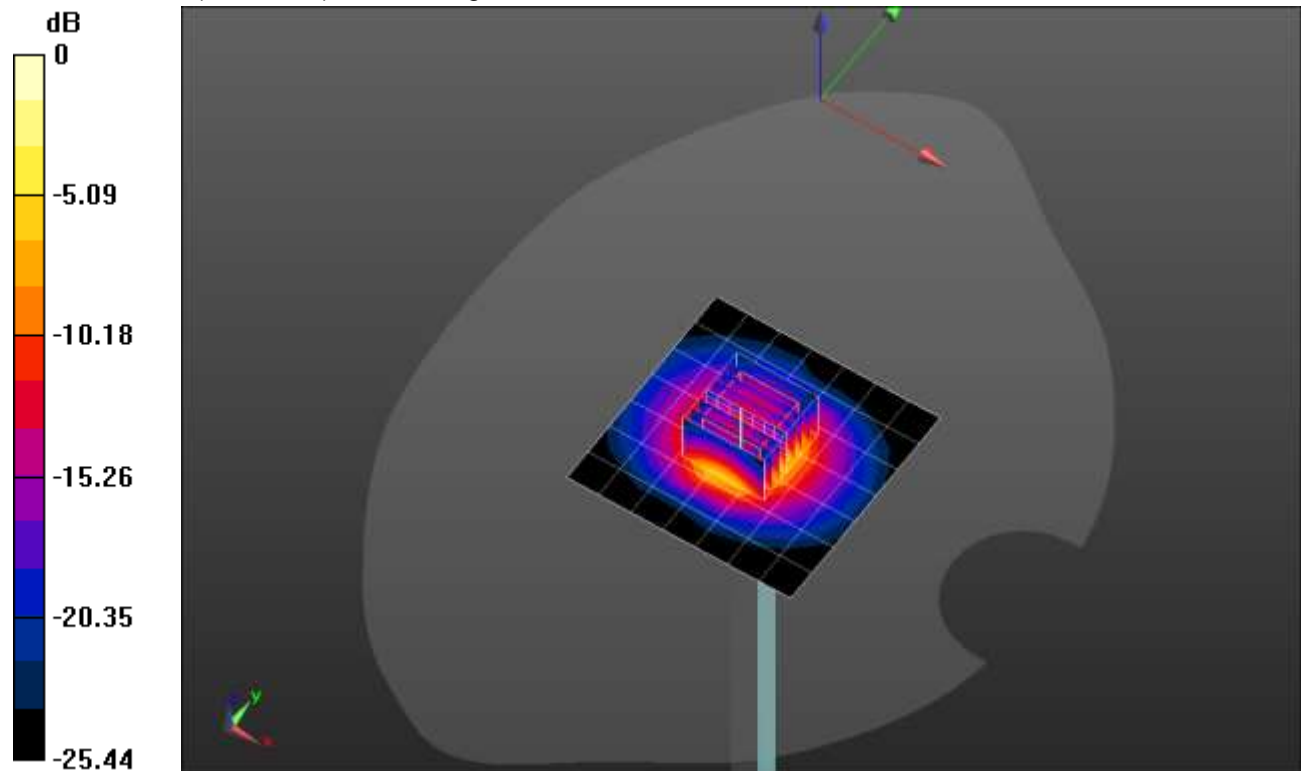
Peak SAR (extrapolated) = 18.2 W/kg

SAR(1 g) = 6.83 W/kg; SAR(10 g) = 2.55 W/kg

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

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

Maximum value of SAR (measured) = 10.2 W/kg



0 dB = 10.2 W/kg = 10.09 dBW/kg