

20210407_SystemPerformanceCheck-D5GHzV2 SN 1209

Frequency: 5600 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: $f = 5600$ MHz; $\sigma = 4.888$ S/m; $\epsilon_r = 35.863$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1468; Calibrated: 8/25/2020
- Probe: EX3DV4 - SN7376; ConvF(4.55, 4.55, 4.55) @ 5600 MHz; Calibrated: 7/31/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg); Type: QD OVA 003 AA; Serial: 2013

Head/5.6 GHz, Pin=100mW/Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 18.1 W/kg

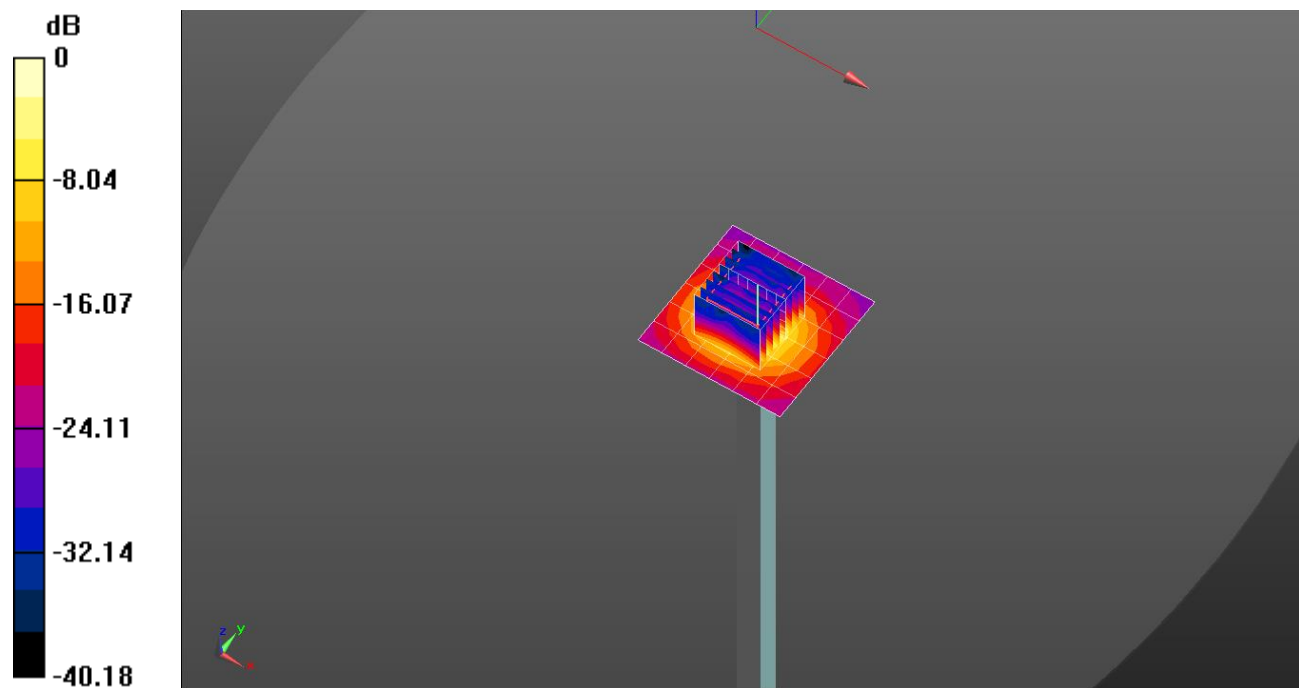
Head/5.6 GHz, Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 67.42 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 34.9 W/kg

SAR(1 g) = 7.83 W/kg; SAR(10 g) = 2.2 W/kg

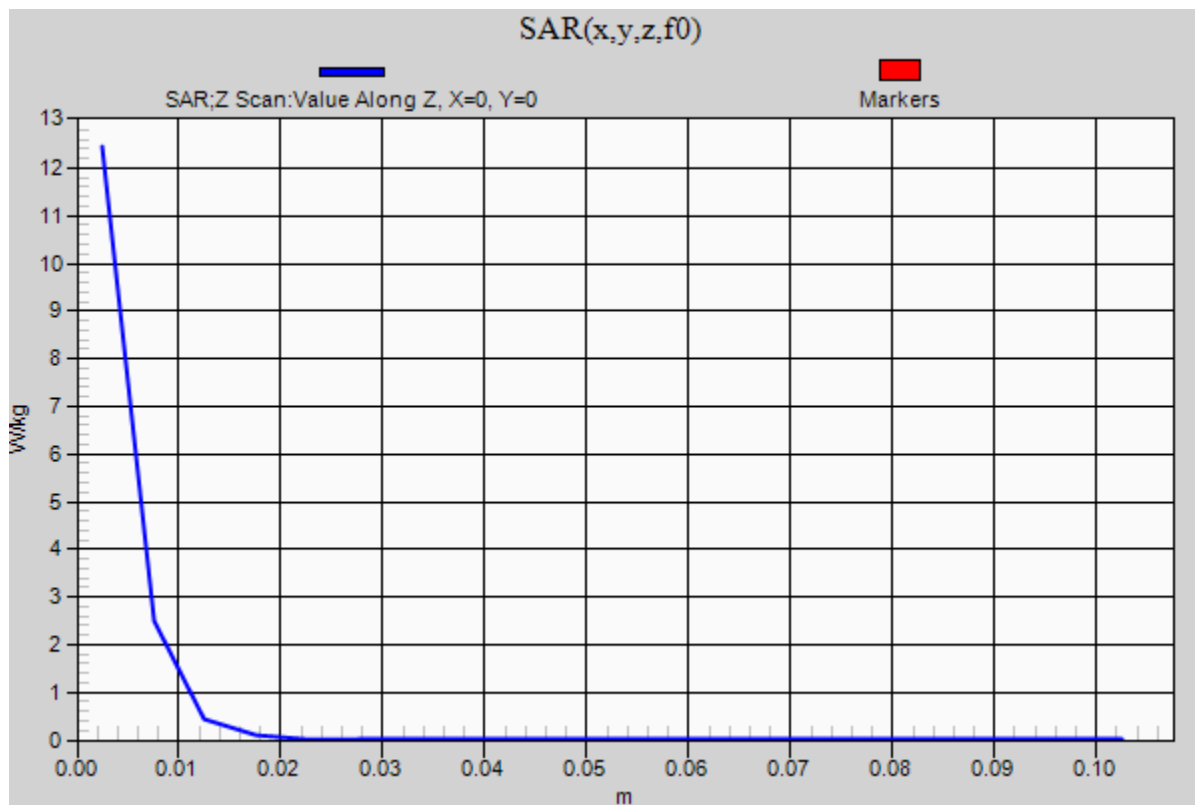
Maximum value of SAR (measured) = 18.7 W/kg



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

20210407_SystemPerformanceCheck-D5GHzV2 SN 1209

Frequency: 5600 MHz; Duty Cycle: 1:1

Head/5.6 GHz, Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 12.4 W/kg

20210412_SystemPerformanceCheck-D5GHzV2 SN 1209

Frequency: 5600 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used: $f = 5600$ MHz; $\sigma = 4.896$ S/m; $\epsilon_r = 35.223$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1343; Calibrated: 8/25/2020
- Probe: EX3DV4 - SN7313; ConvF(4.65, 4.65, 4.65) @ 5600 MHz; Calibrated: 2/23/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005

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

Maximum value of SAR (measured) = 22.4 W/kg

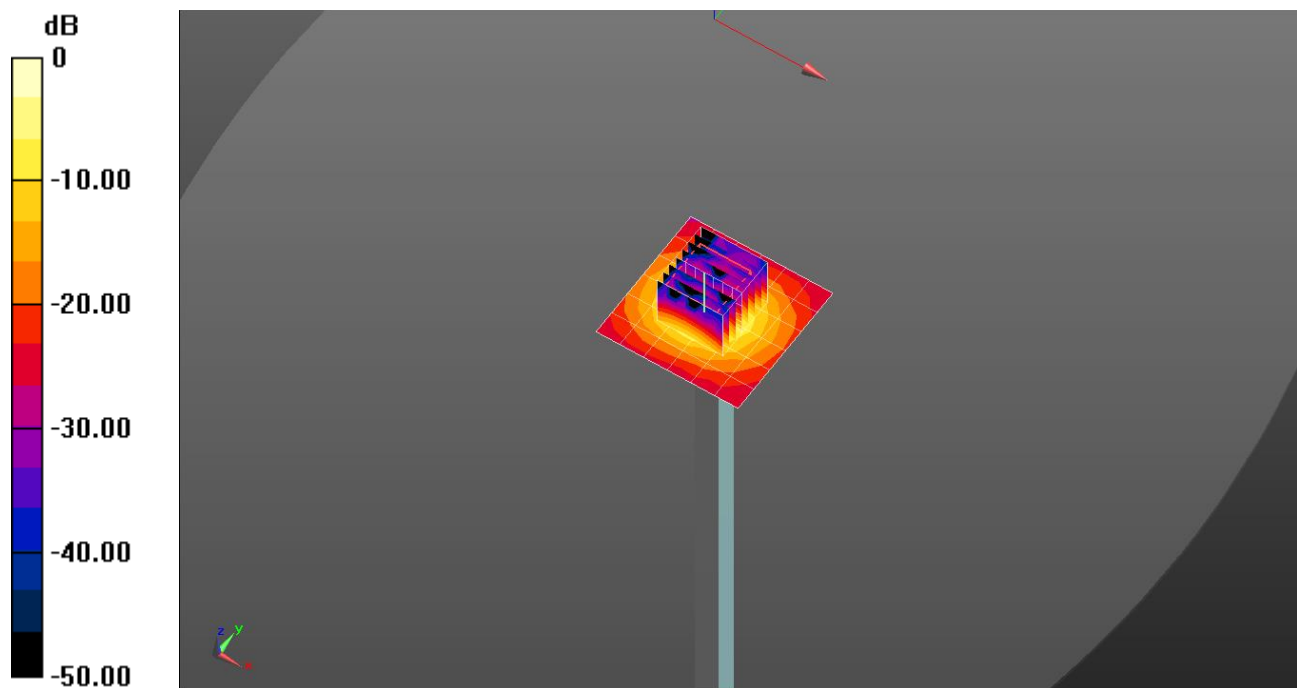
Head/5.6 GHz, Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 75.83 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 39.1 W/kg

SAR(1 g) = 8.91 W/kg; SAR(10 g) = 2.5 W/kg

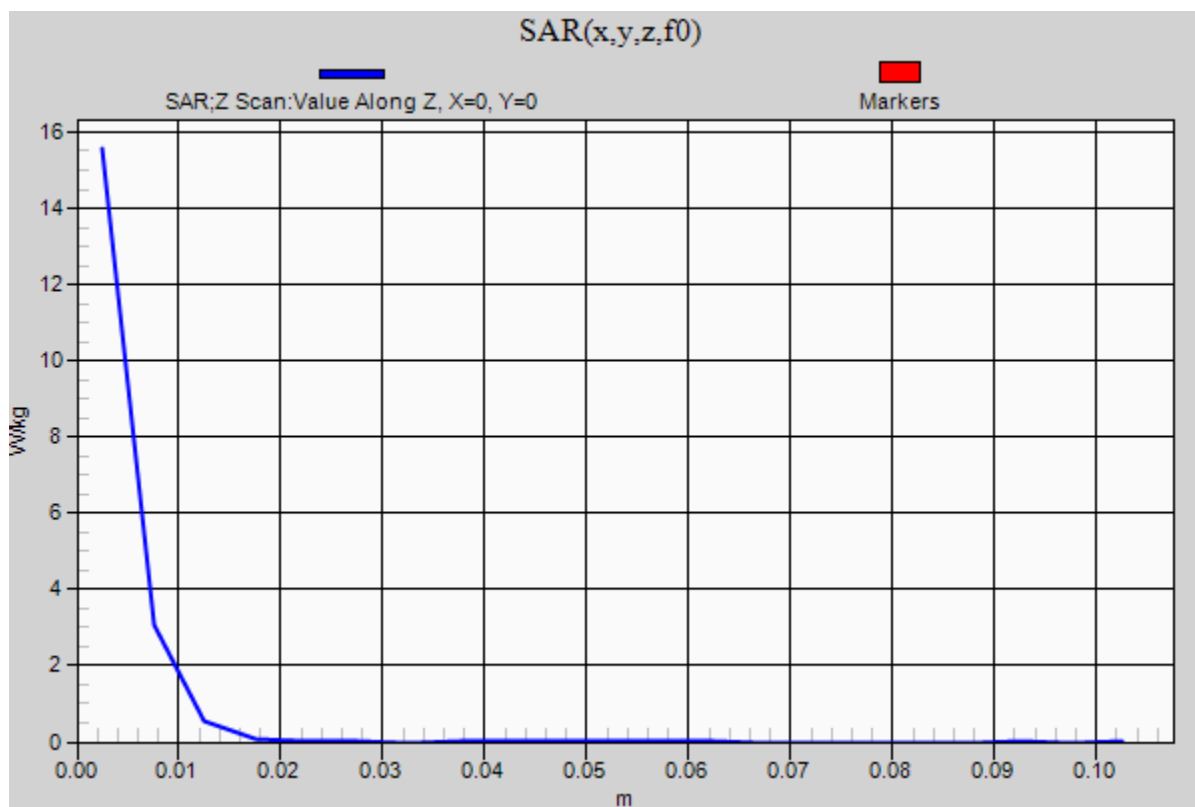
Maximum value of SAR (measured) = 22.0 W/kg



0 dB = 22.0 W/kg = 13.42 dBW/kg

20210412_SystemPerformanceCheck-D5GHzV2 SN 1209

Frequency: 5600 MHz; Duty Cycle: 1:1

Head/5.6 GHz, Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 15.6 W/kg

20210331_SystemPerformanceCheck-D1750V2 SN 1125

Frequency: 1750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: $f = 1750$ MHz; $\sigma = 1.344$ S/m; $\epsilon_r = 39.043$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1494; Calibrated: 7/23/2020
- Probe: EX3DV4 - SN3871; ConvF(8.83, 8.83, 8.83) @ 1750 MHz; Calibrated: 8/28/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2001

Head/1750MHz, Pin=100 mW/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 4.87 W/kg

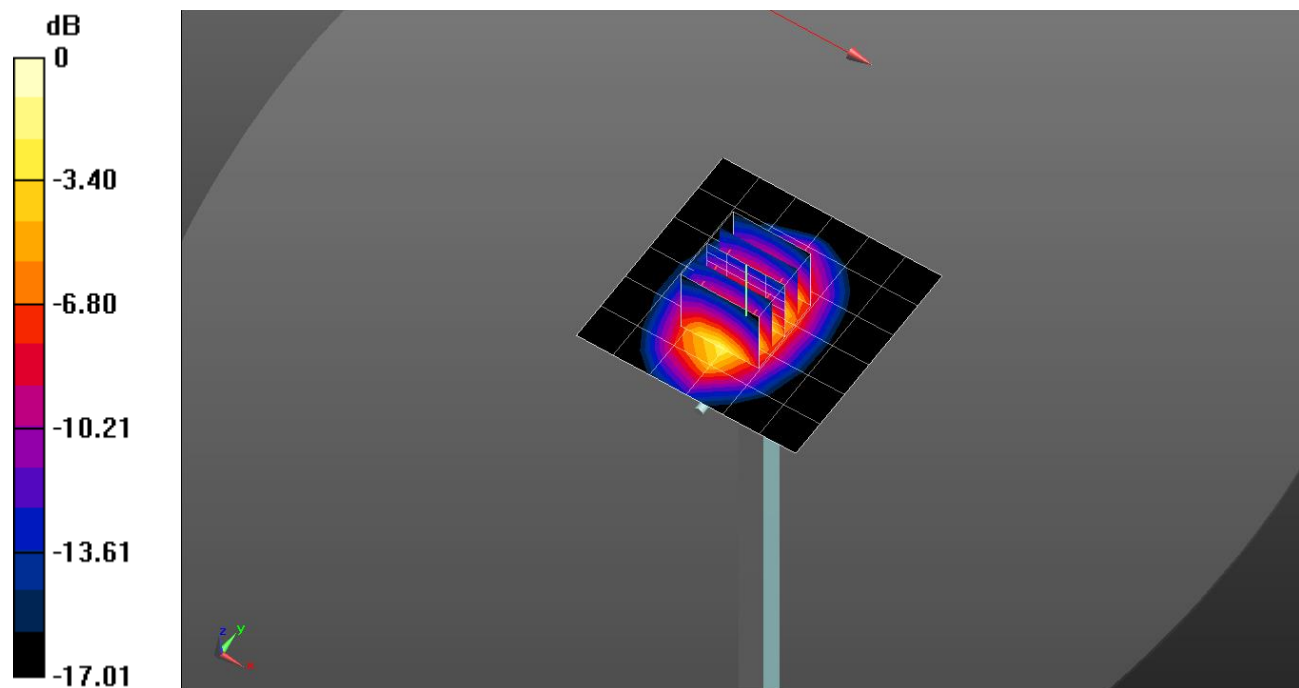
Head/1750MHz, Pin=100 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 56.47 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 6.33 W/kg

SAR(1 g) = 3.43 W/kg; SAR(10 g) = 1.83 W/kg

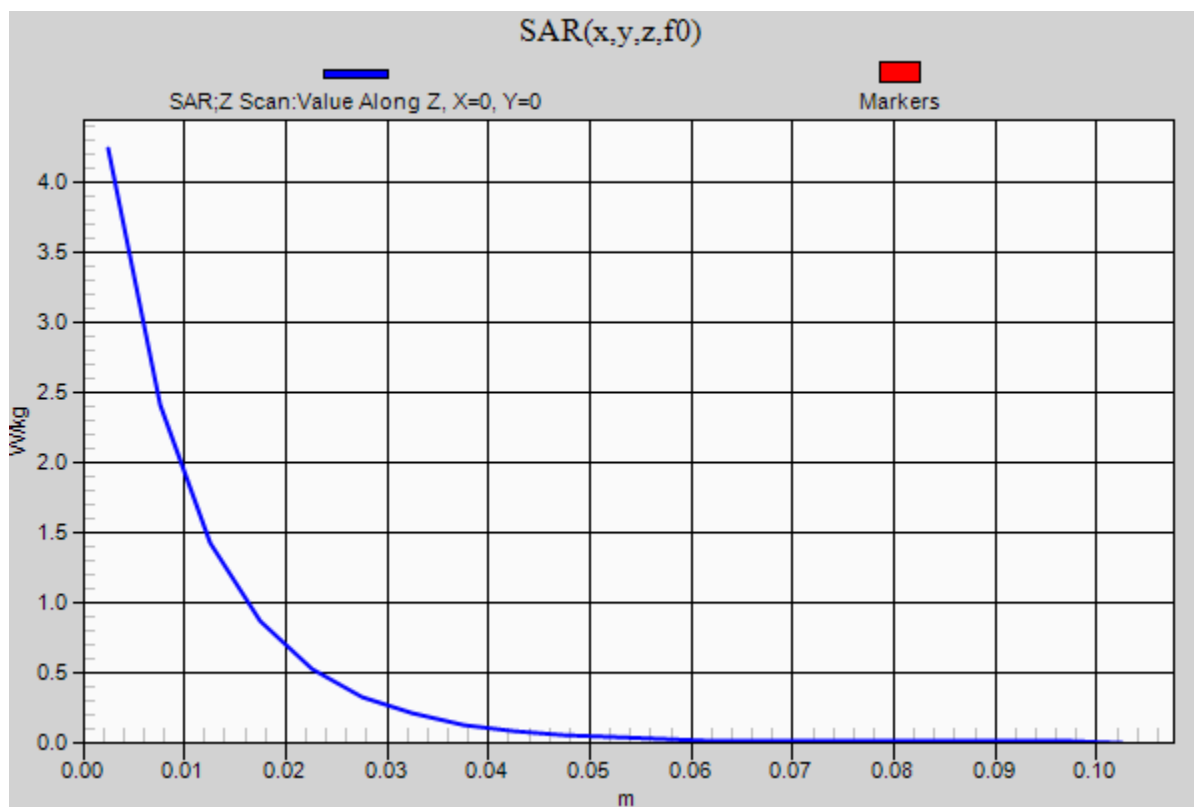
Maximum value of SAR (measured) = 5.31 W/kg



0 dB = 5.31 W/kg = 7.25 dBW/kg

20210331_SystemPerformanceCheck-D1750V2 SN 1125

Frequency: 1750 MHz; Duty Cycle: 1:1

Head/1750MHz, Pin=100 mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 4.24 W/kg

20210406_SystemPerformancecheck 2450_SN939

Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): $f = 2450$ MHz; $\sigma = 1.777$ S/m; $\epsilon_r = 40.241$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1494; Calibrated: 7/23/2020
- Probe: EX3DV4 - SN3871; ConvF(7.59, 7.59, 7.59) @ 2450 MHz; Calibrated: 8/28/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2001

Head/2450MHz, Pin=100mW/Area Scan (6x8x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 6.83 W/kg

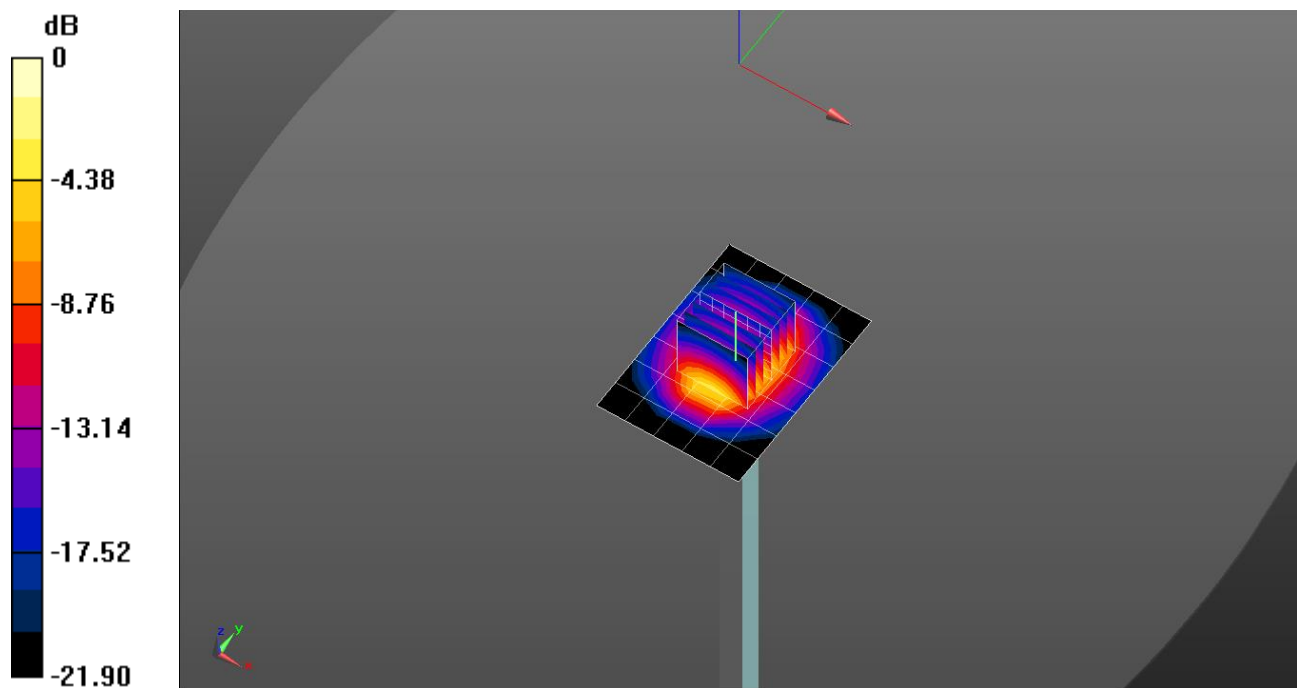
Head/2450MHz, Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 68.04 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 11.7 W/kg

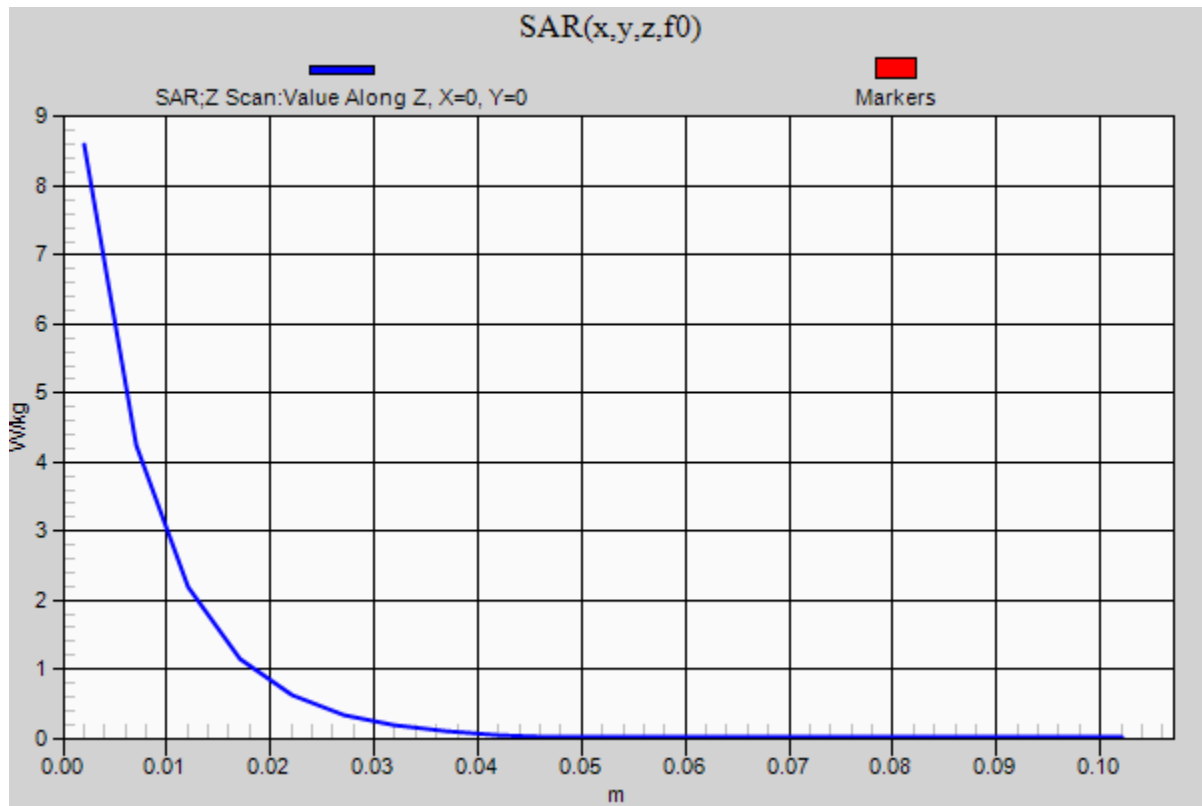
SAR(1 g) = 5.72 W/kg; SAR(10 g) = 2.68 W/kg

Maximum value of SAR (measured) = 9.54 W/kg



20210406_SystemPerformancecheck 2450_SN939

Frequency: 2450 MHz; Duty Cycle: 1:1

Head/2450MHz, Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 8.60 W/kg

20210329_SystemPerformancecheck 2600_SN1097

Frequency: 2600 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used: $f = 2600$ MHz; $\sigma = 1.892$ S/m; $\epsilon_r = 37.956$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn912; Calibrated: 11/24/2020
- Probe: EX3DV4 - SN7314; ConvF(7.14, 7.14, 7.14) @ 2600 MHz; Calibrated: 5/29/2020
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI V8.0 (20deg probe tilt)_Left; Type: QD OVA 004 AA; Serial: 2111

Head/26000MHz, Pin=100mW/Area Scan (6x8x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 5.74 W/kg

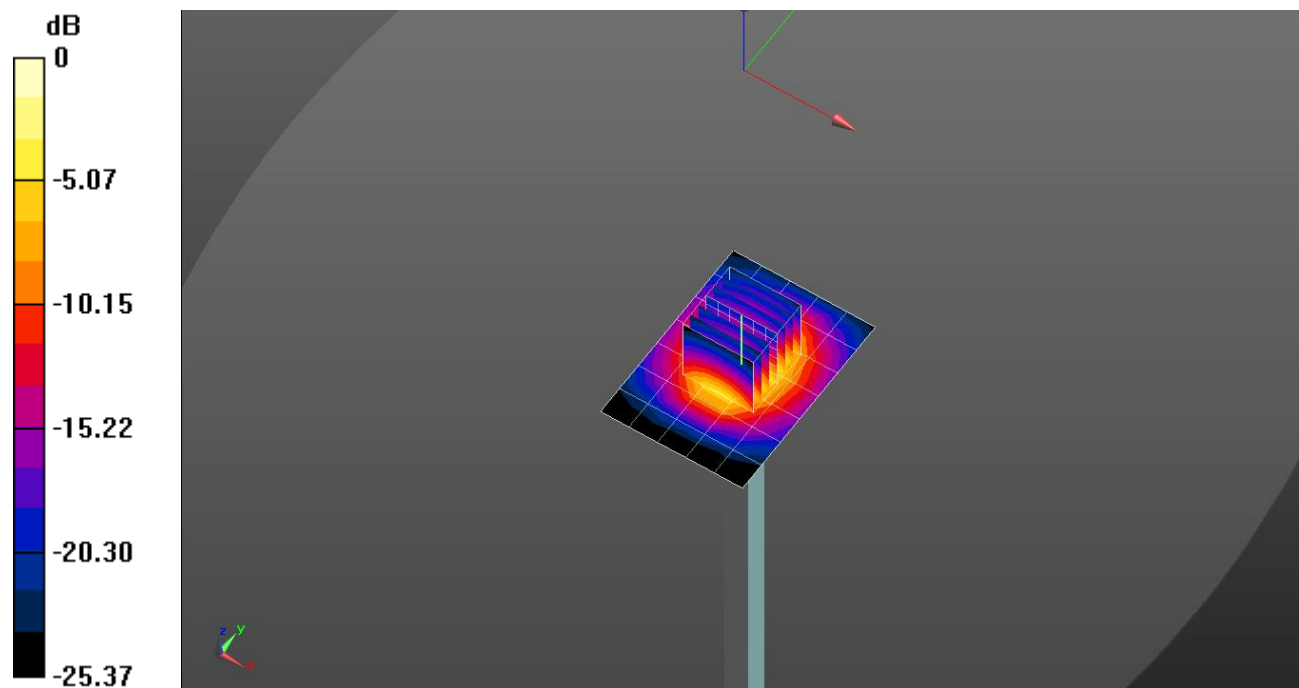
Head/26000MHz, Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 65.92 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 12.3 W/kg

SAR(1 g) = 5.45 W/kg; SAR(10 g) = 2.39 W/kg

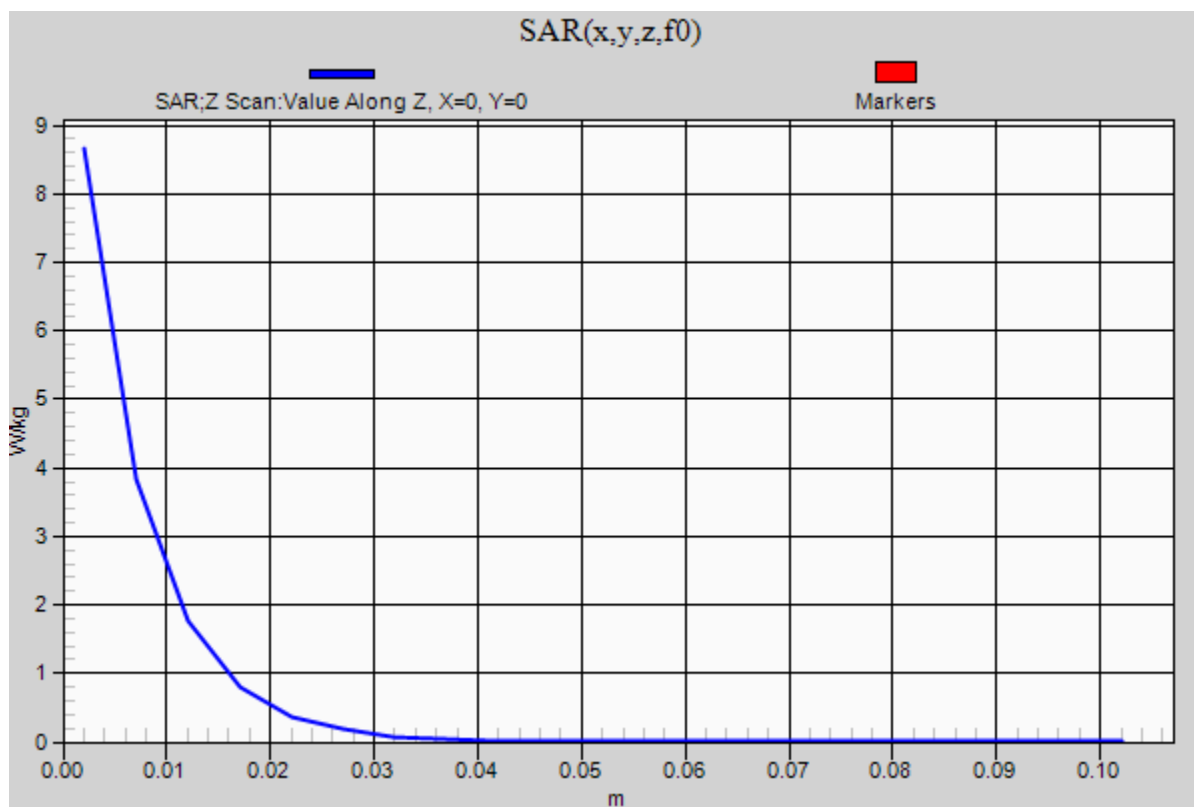
Maximum value of SAR (measured) = 7.92 W/kg



0 dB = 7.92 W/kg = 8.99 dBW/kg

20210329_SystemPerformancecheck 2600_SN1097

Frequency: 2600 MHz; Duty Cycle: 1:1

Head/26000MHz, Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 8.66 W/kg

20210329_SystemPerformanceCheck-D835V2 SN 4d194

Frequency: 835 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.922 \text{ S/m}$; $\epsilon_r = 41.64$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE3 Sn479; Calibrated: 10/21/2020
- Probe: EX3DV4 - SN7545; ConvF(9.86, 9.86, 9.86) @ 835 MHz; Calibrated: 11/23/2020
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1195

Head/835MHz, Pin=100 mW/Area Scan (7x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 1.15 W/kg

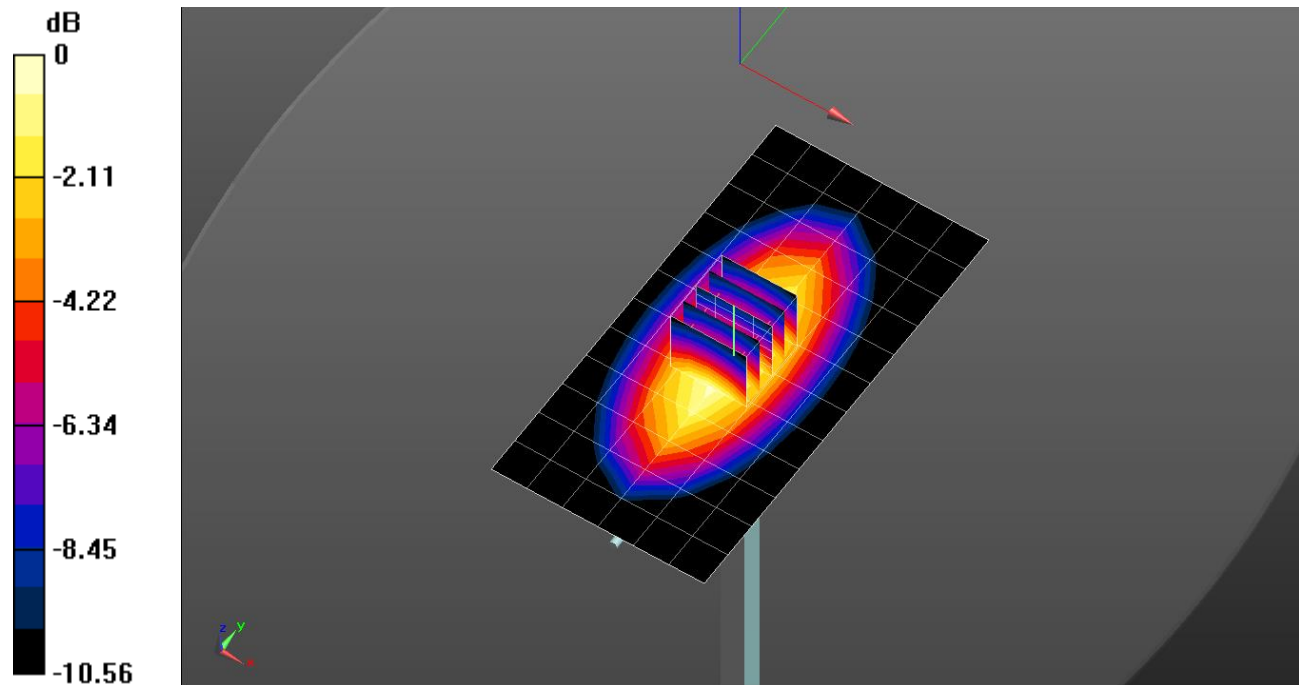
Head/835MHz, Pin=100 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$,
 $dz=5\text{mm}$

Reference Value = 35.28 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.934 W/kg; SAR(10 g) = 0.615 W/kg

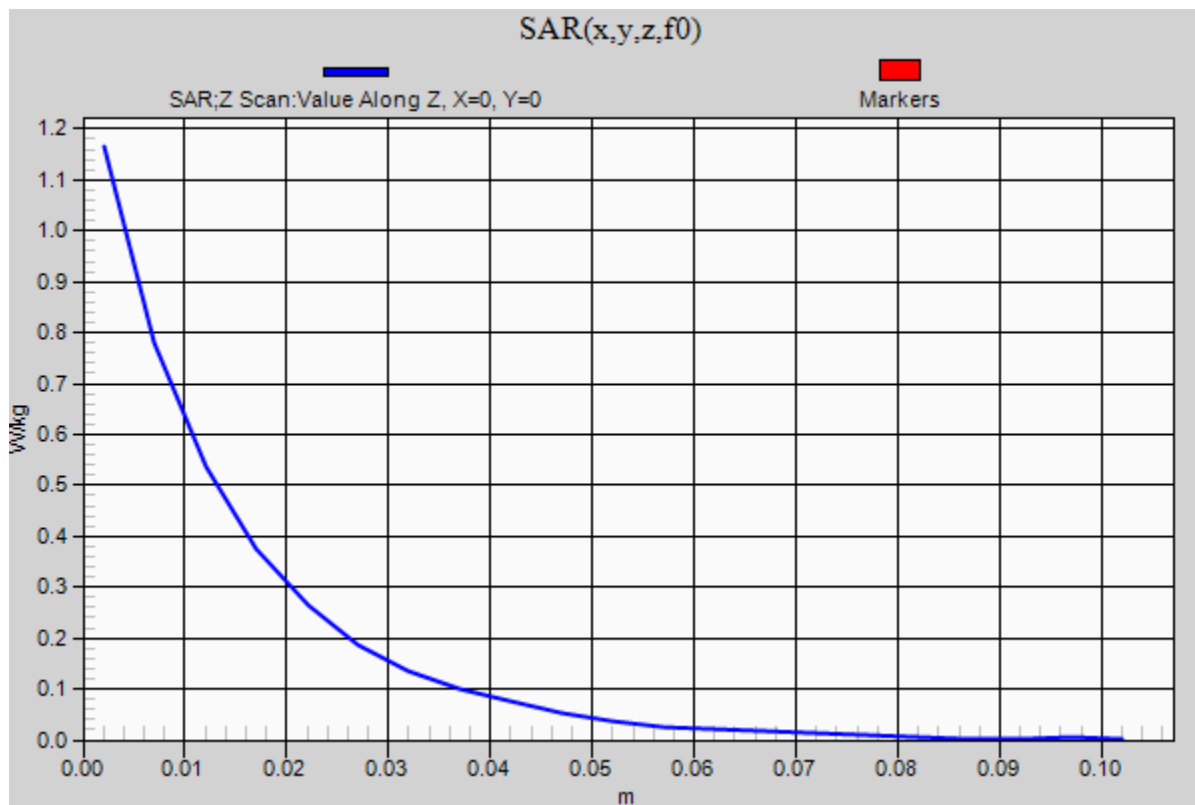
Maximum value of SAR (measured) = 1.14 W/kg



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

20210329_SystemPerformanceCheck-D835V2 SN 4d194

Frequency: 835 MHz; Duty Cycle: 1:1

Head/835MHz, Pin=100 mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 1.16 W/kg

20210414_SystemPerformanceCheck-D750V3 SN 1122

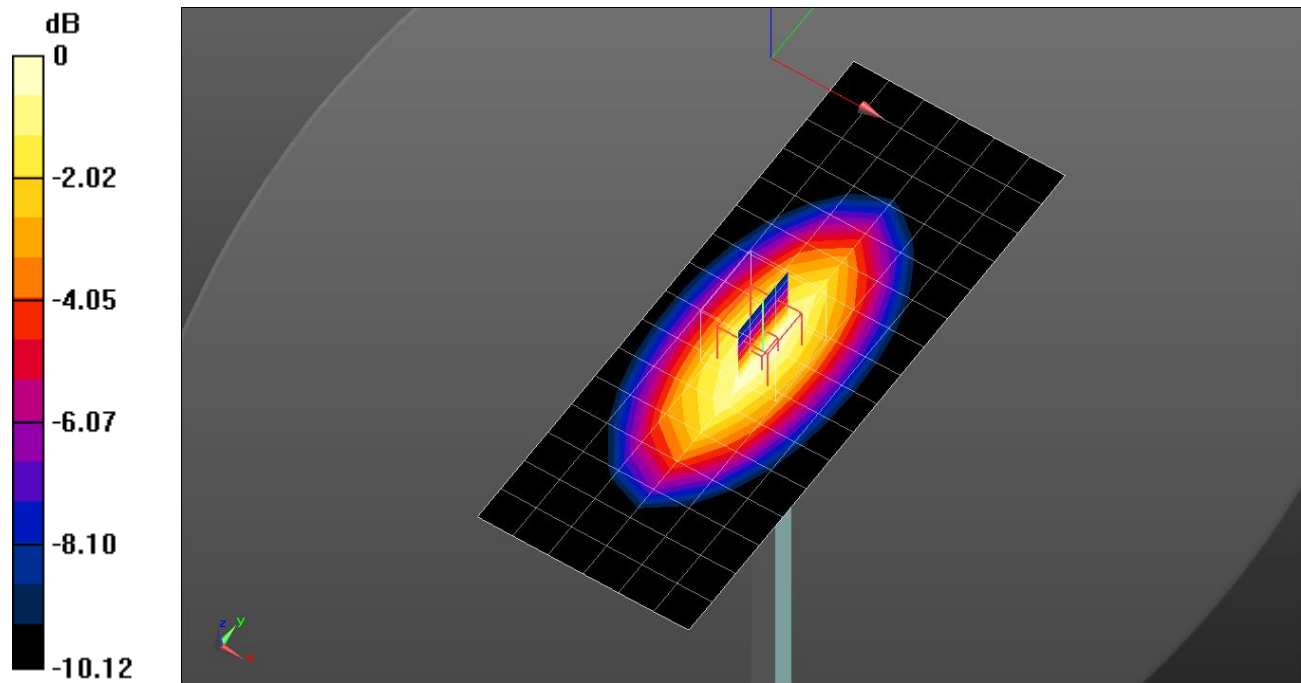
Frequency: 750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: $f = 750$ MHz; $\sigma = 0.882$ S/m; $\epsilon_r = 43.82$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1447; Calibrated: 2021-03-23
- Probe: EX3DV4 - SN7545; ConvF(10.17, 10.17, 10.17) @ 750 MHz; Calibrated: 2020-11-23
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1195

Head/Pin=100 mW/Area Scan (7x17x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.980 W/kg

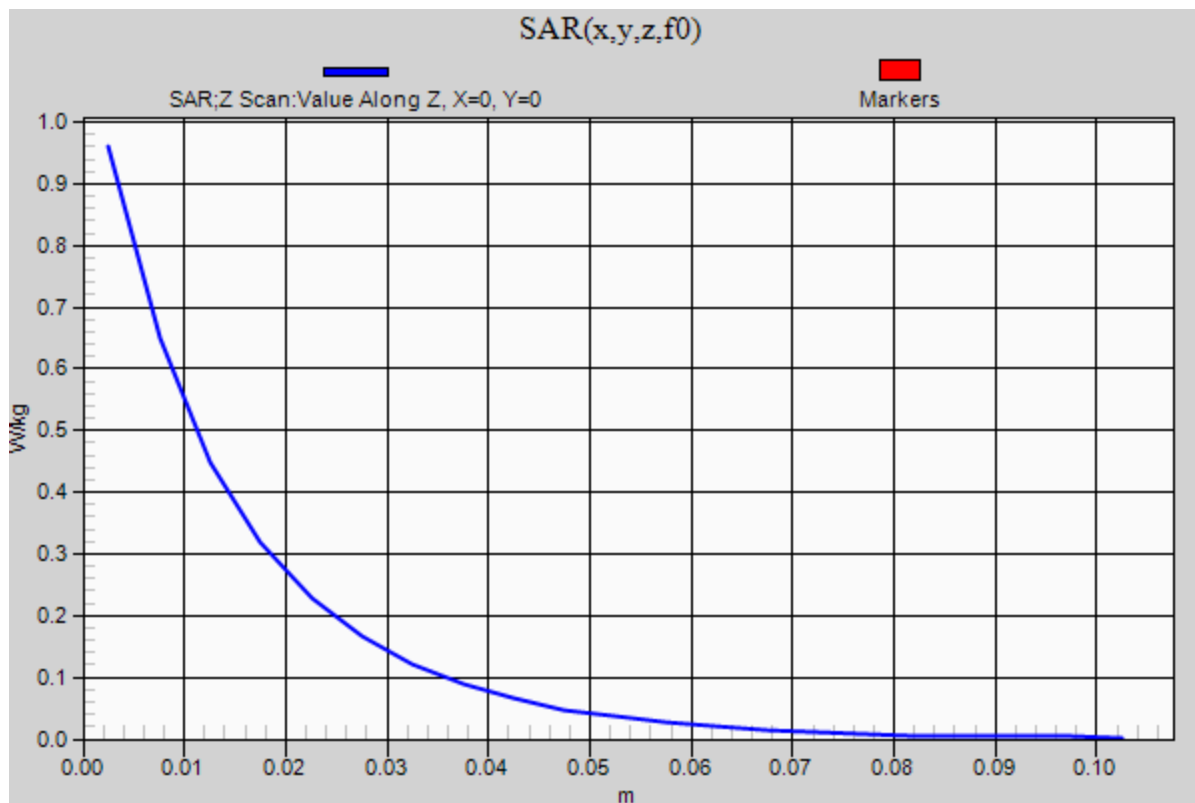
Head/Pin=100 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.74 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.20 W/kg
SAR(1 g) = 0.810 W/kg; SAR(10 g) = 0.538 W/kg
Maximum value of SAR (measured) = 0.983 W/kg



0 dB = 0.983 W/kg = -0.07 dBW/kg

20210414_SystemPerformanceCheck-D750V3 SN 1122

Frequency: 750 MHz; Duty Cycle: 1:1

Head/Pin=100 mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.960 W/kg

20210419_SystemPerformanceCheck-D1900V2 SN 5d199

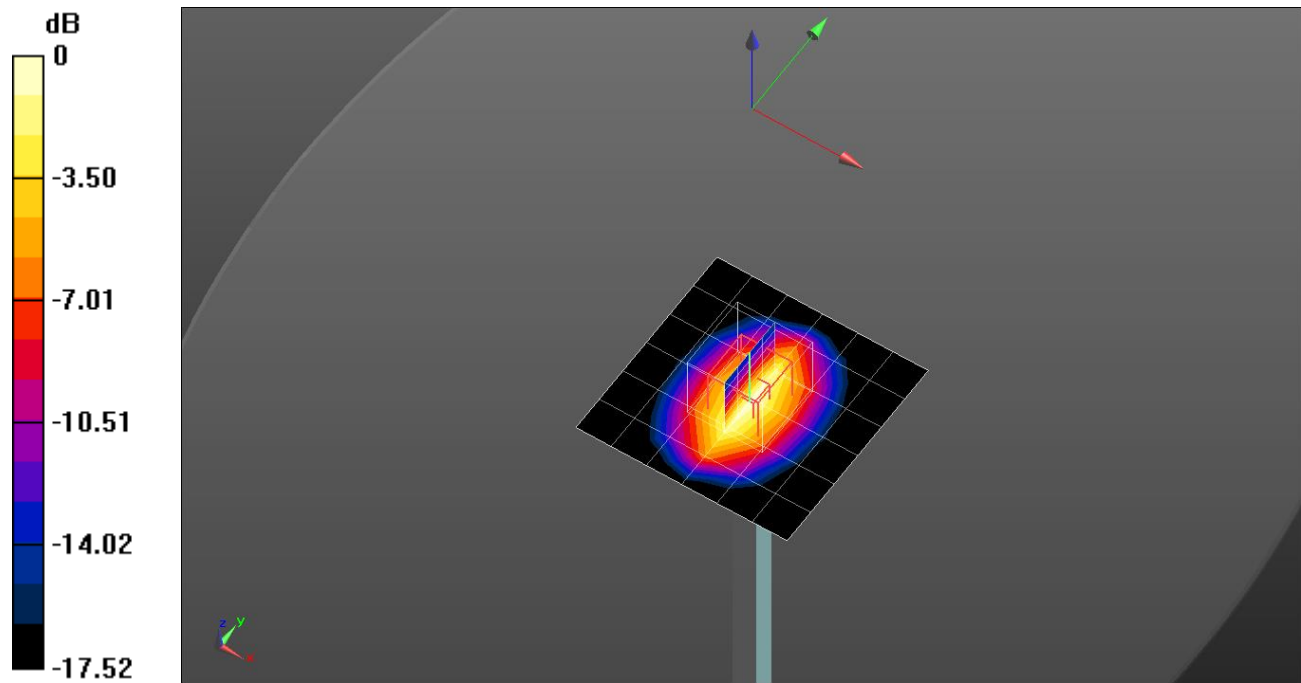
Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: $f = 1900$ MHz; $\sigma = 1.45$ S/m; $\epsilon_r = 39.229$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1447; Calibrated: 2021-03-23
- Probe: EX3DV4 - SN7545; ConvF(7.96, 7.96, 7.96) @ 1900 MHz; Calibrated: 2020-11-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1195

Head/Pin=100 mW/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 6.06 W/kg

Head/Pin=100 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 59.74 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 7.14 W/kg
SAR(1 g) = 3.84 W/kg; SAR(10 g) = 2.01 W/kg
Maximum value of SAR (measured) = 6.00 W/kg



0 dB = 6.00 W/kg = 7.78 dBW/kg

20210419_SystemPerformanceCheck-D1900V2 SN 5d199

Frequency: 1900 MHz; Duty Cycle: 1:1

Head/Pin=100 mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 5.08 W/kg