

20201221_SystemPerformanceCheck-D5GHzV2 SN 1209

Frequency: 5250 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): $f = 5250$ MHz; $\sigma = 4.733$ S/m; $\epsilon_r = 36.944$; $\rho = 1000$ 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: 2020-08-25
- Probe: EX3DV4 - SN7376; ConvF(5.15, 5.15, 5.15) @ 5250 MHz; Calibrated: 2020-07-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Back; Type: QD000P40CD; Serial: TP:1882

Head/5.25 GHz, Pin=100mW/Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 19.4 W/kg

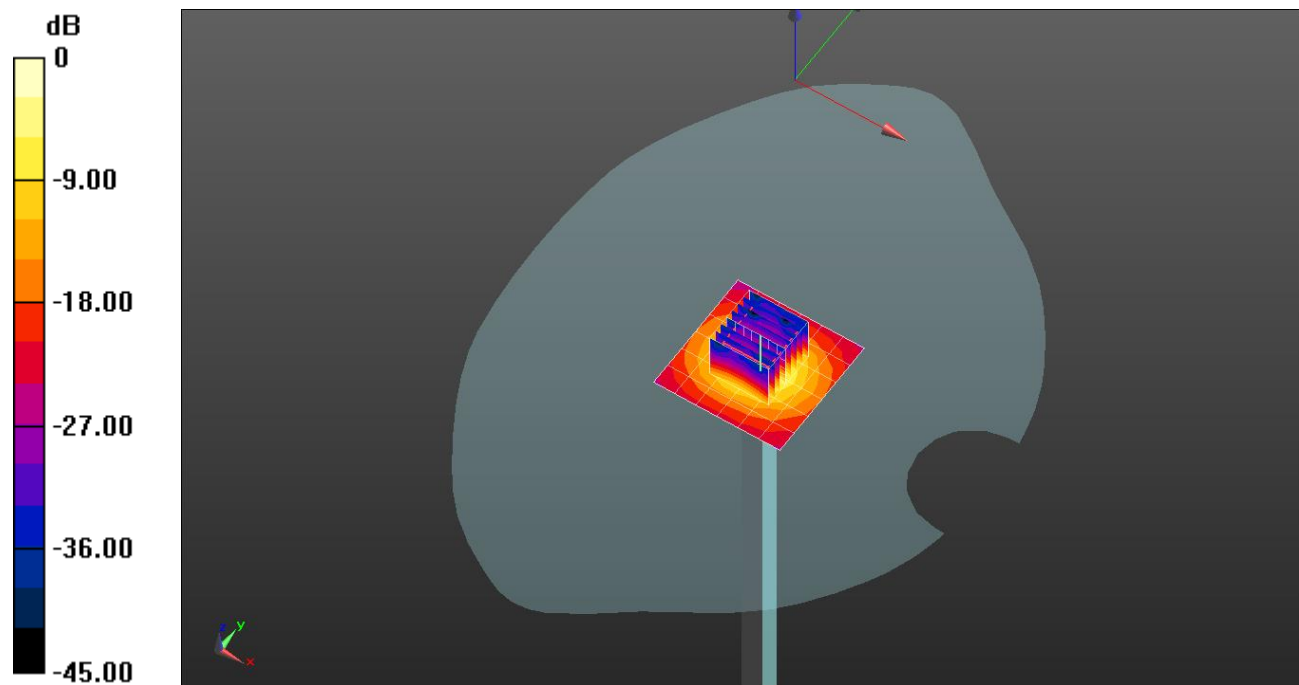
Head/5.25 GHz, Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 70.90 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 33.2 W/kg

SAR(1 g) = 7.41 W/kg; SAR(10 g) = 2.1 W/kg

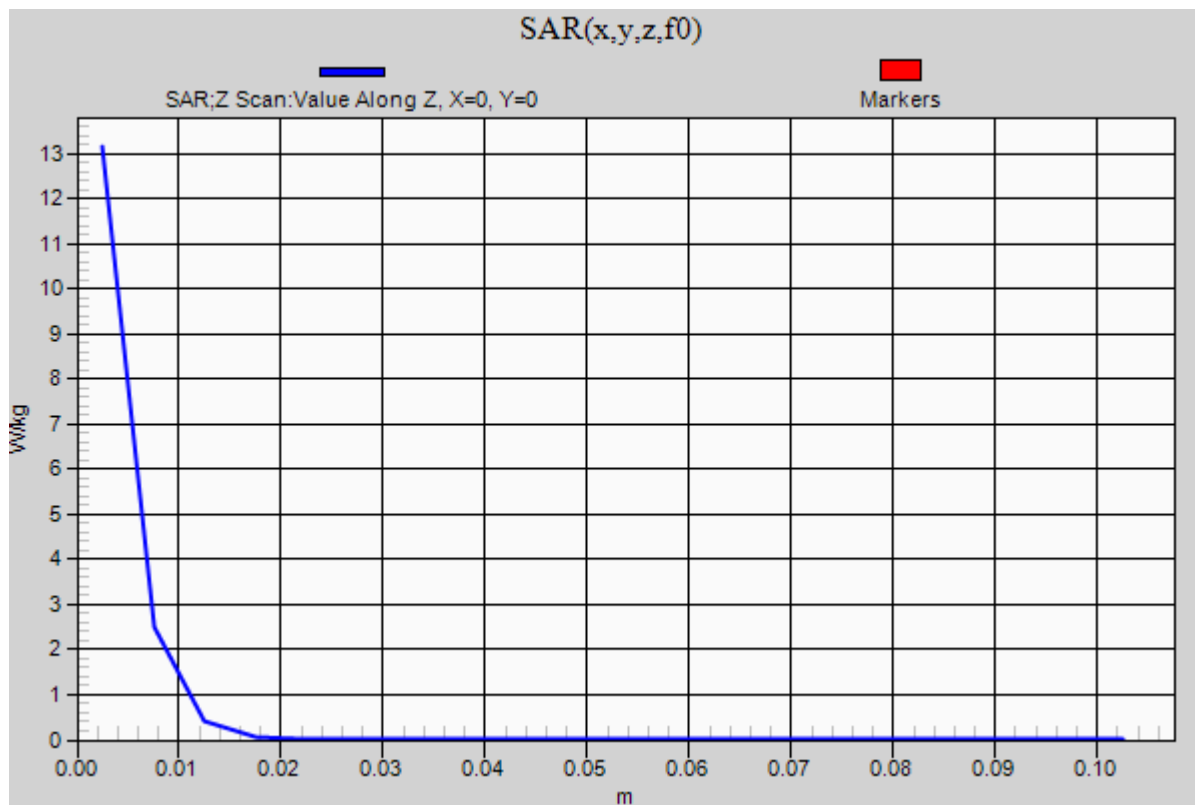
Maximum value of SAR (measured) = 18.2 W/kg



0 dB = 18.2 W/kg = 12.60 dBW/kg

20201221_SystemPerformanceCheck-D5GHzV2 SN 1209

Frequency: 5250 MHz; Duty Cycle: 1:1

Head/5.25 GHz, Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 13.2 W/kg

20201213_SystemPerformanceCheck-D1750V2 SN 1125

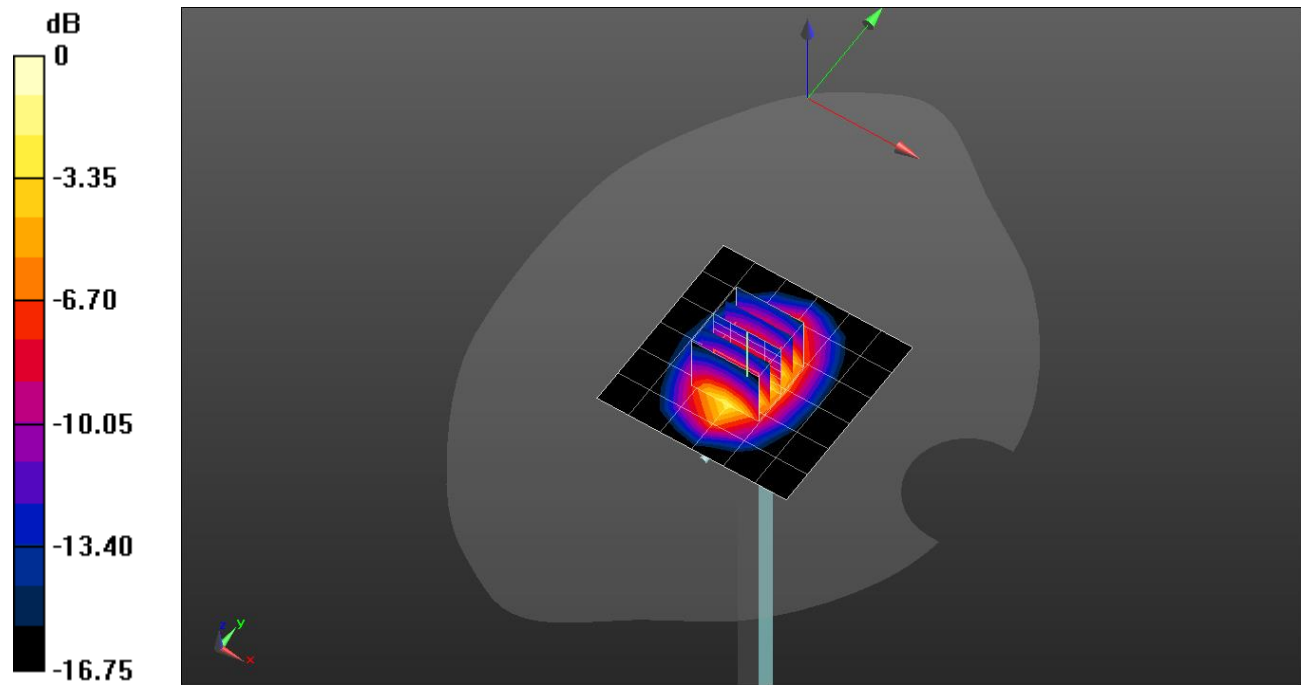
Frequency: 1750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: $f = 1750$ MHz; $\sigma = 1.329$ S/m; $\epsilon_r = 40.405$; $\rho = 1000$ kg/m³

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: 2020-07-23
- Probe: EX3DV4 - SN7313; ConvF(8.64, 8.64, 8.64) @ 1750 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Head/Pin=100 mW/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 4.51 W/kg

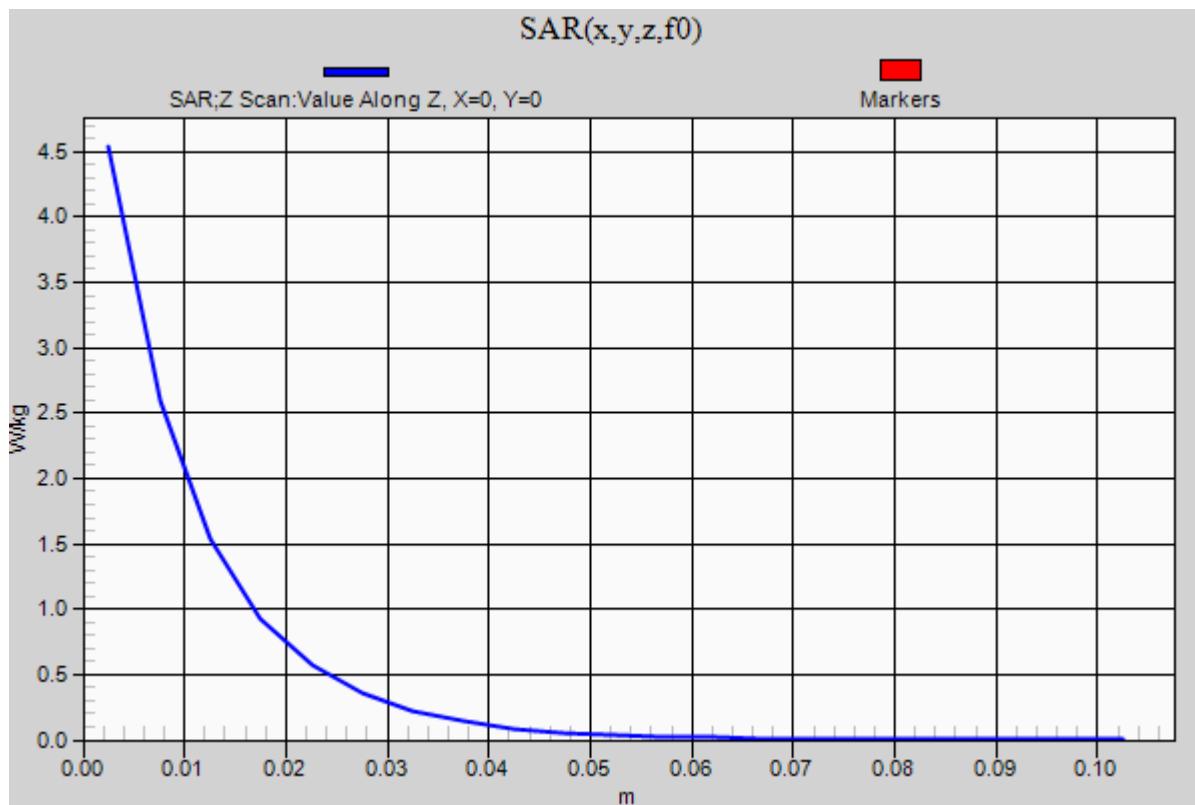
Head/Pin=100 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 59.12 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 6.03 W/kg
SAR(1 g) = 3.43 W/kg; SAR(10 g) = 1.86 W/kg
Maximum value of SAR (measured) = 4.52 W/kg



0 dB = 4.52 W/kg = 6.55 dBW/kg

20201213_SystemPerformanceCheck-D1750V2 SN 1125

Frequency: 1750 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) = 4.54 W/kg

20201230_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; $\sigma = 0.883$ S/m; $\epsilon_r = 41.983$; $\rho = 1000$ 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: 2020-07-23
- Probe: EX3DV4 - SN7313; ConvF(9.9, 9.9, 9.9) @ 750 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Head/Pin=100 mW/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.949 W/kg

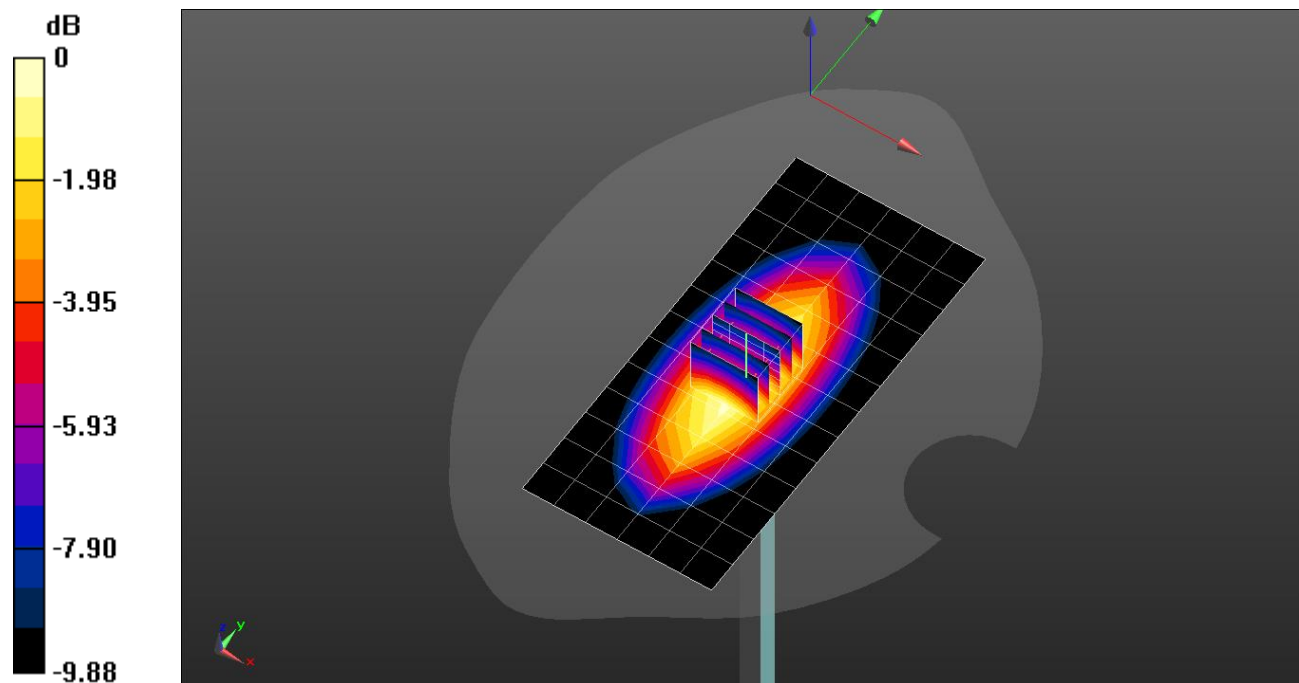
Head/Pin=100 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.12 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.800 W/kg; SAR(10 g) = 0.537 W/kg

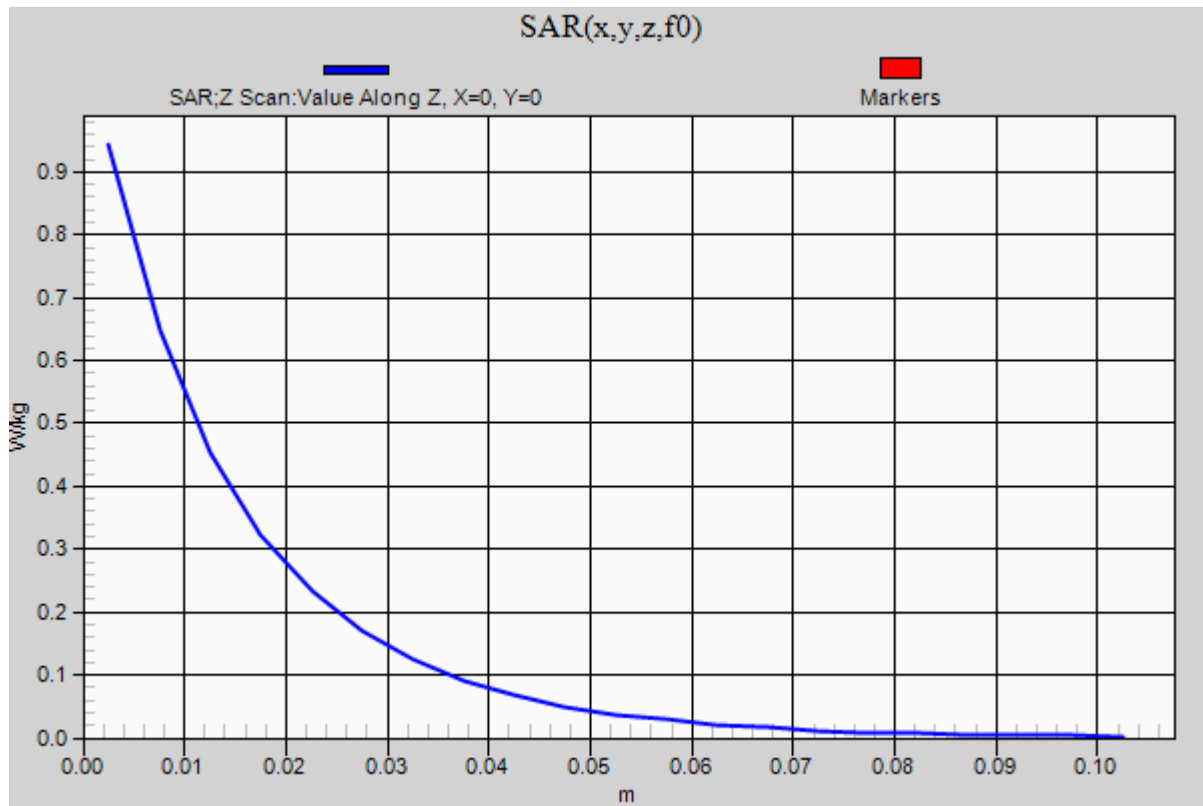
Maximum value of SAR (measured) = 0.965 W/kg



0 dB = 0.965 W/kg = -0.15 dBW/kg

20201230_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) = 0.943 W/kg

20210125_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; $\sigma = 1.44$ S/m; $\epsilon_r = 39.335$; $\rho = 1000$ 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: 2020-07-23
- Probe: EX3DV4 - SN7313; ConvF(8.36, 8.36, 8.36) @ 1900 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

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

Maximum value of SAR (measured) = 5.04 W/kg

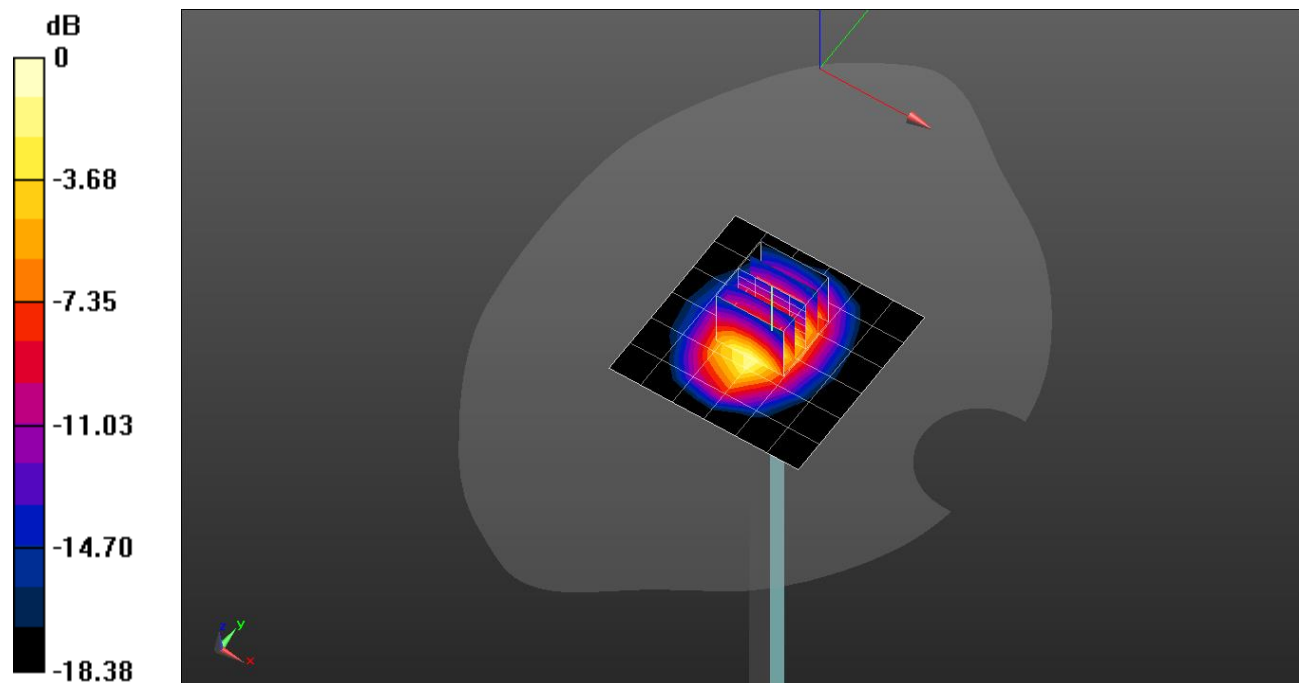
Head/Pin=100 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 59.83 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 6.96 W/kg

SAR(1 g) = 3.88 W/kg; SAR(10 g) = 2.05 W/kg

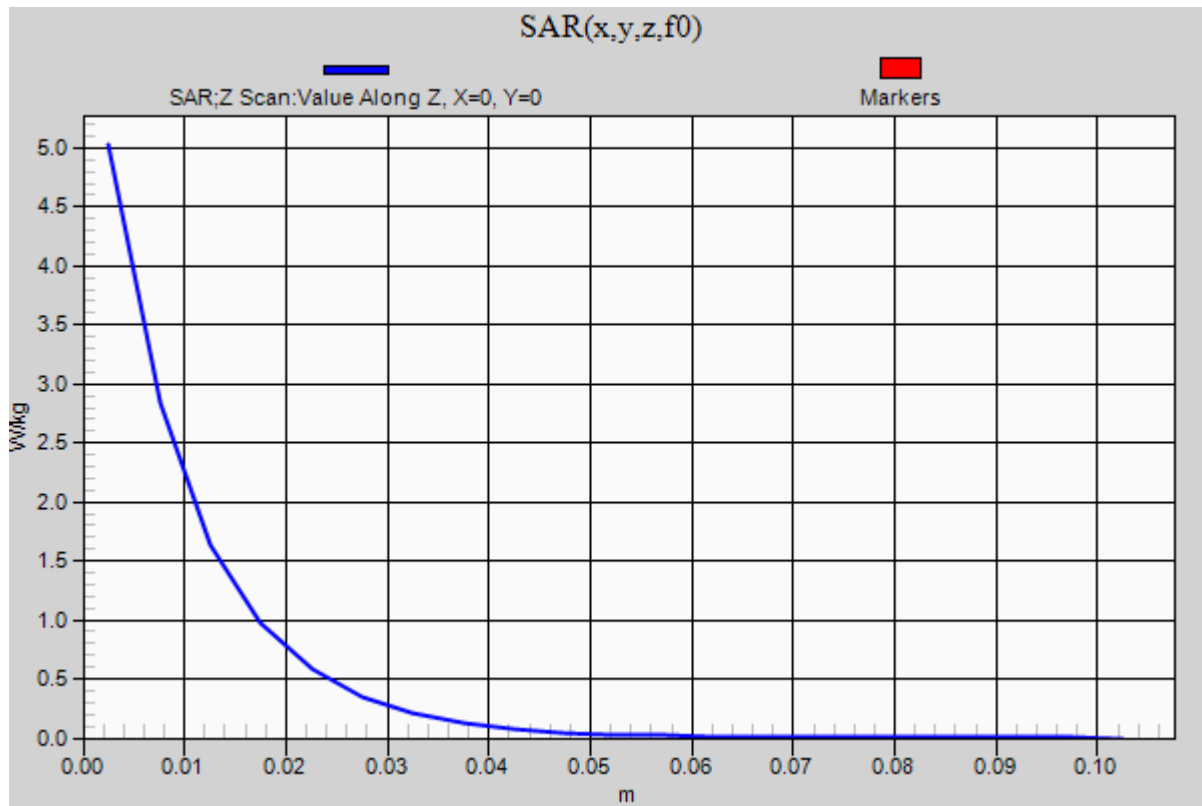
Maximum value of SAR (measured) = 5.09 W/kg



0 dB = 5.09 W/kg = 7.07 dBW/kg

20210125_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) = 5.03 W/kg

20201208_SystemPerformanceCheck-D2600V2 SN 1097

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

Medium parameters used: $f = 2600$ MHz; $\sigma = 2.053$ S/m; $\epsilon_r = 38.203$; $\rho = 1000$ 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 Sn1591; Calibrated: 2020-08-25
- Probe: EX3DV4 - SN7330; ConvF(7.54, 7.54, 7.54) @ 2600 MHz; Calibrated: 2020-02-21
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM Phantom CRP v5.0(Left); Type: QD000P40CD; Serial: TP:1991

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

Maximum value of SAR (measured) = 5.99 W/kg

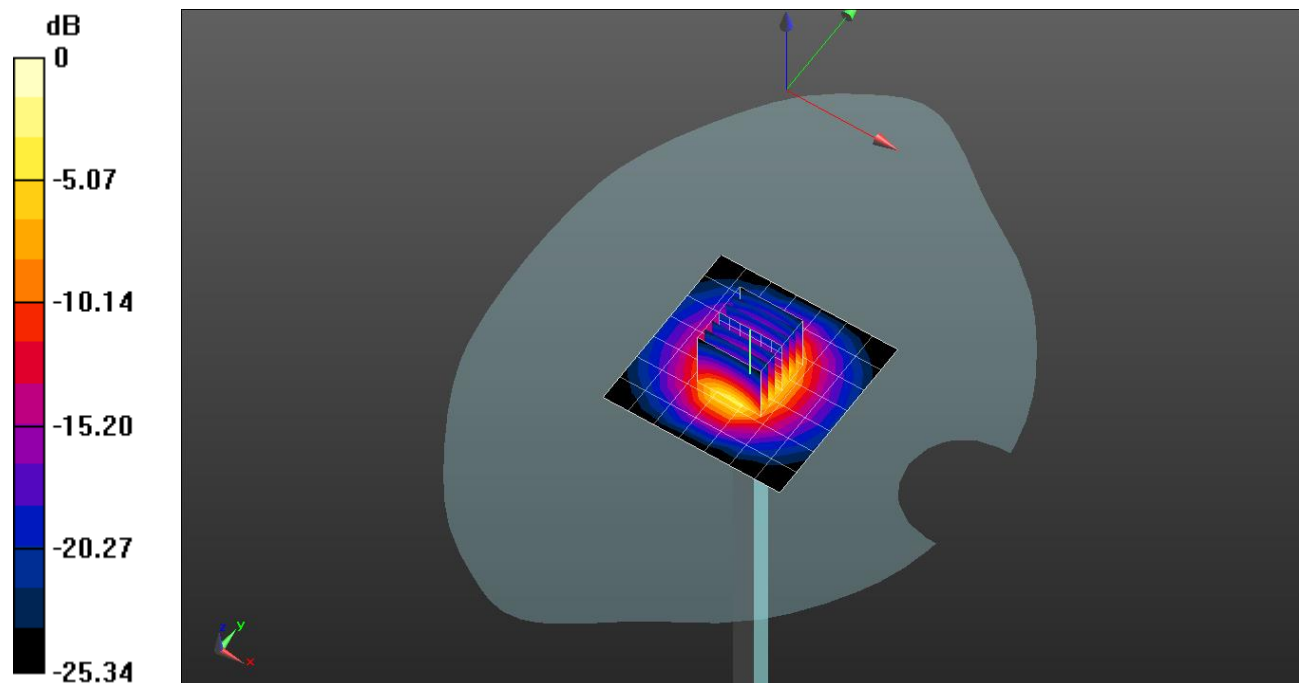
Head/Pin=100 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 65.89 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 13.4 W/kg

SAR(1 g) = 5.92 W/kg; SAR(10 g) = 2.57 W/kg

Maximum value of SAR (measured) = 8.69 W/kg

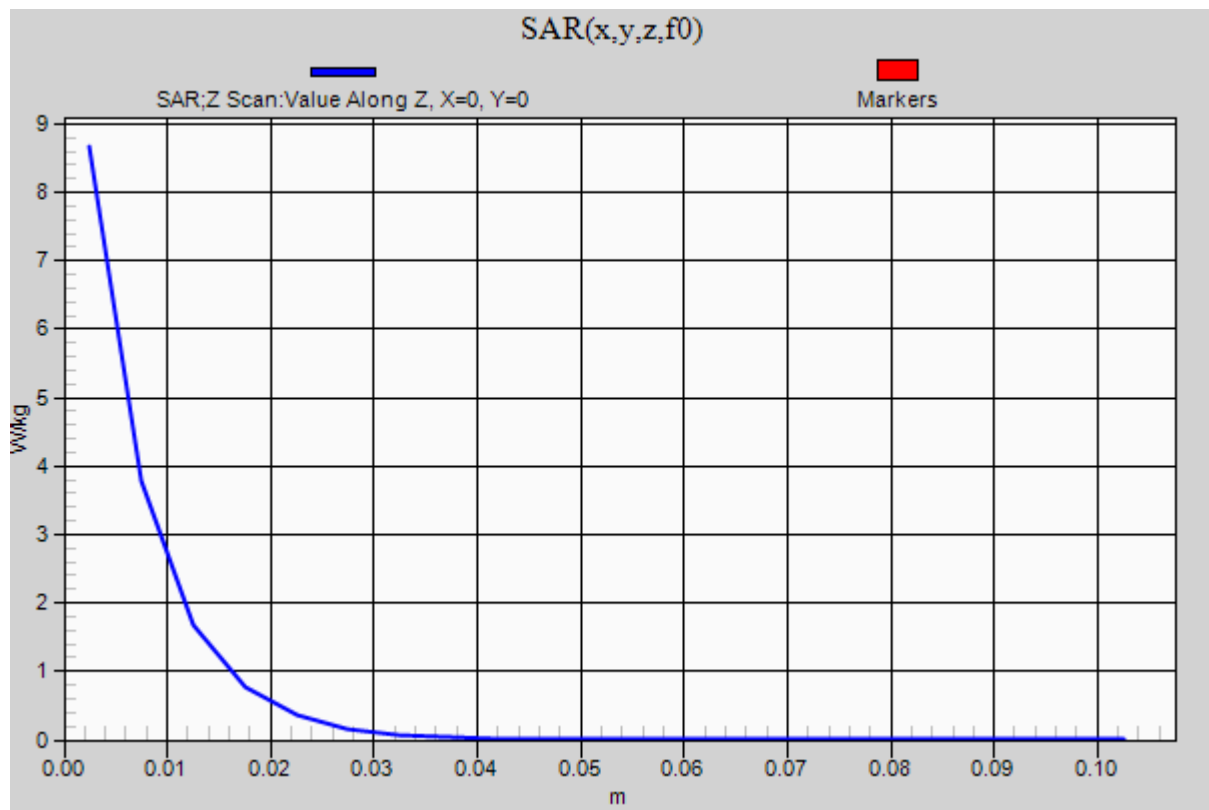


0 dB = 8.69 W/kg = 9.39 dBW/kg

20201208_SystemPerformanceCheck-D2600V2 SN 1097

Frequency: 2600 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) = 8.67 W/kg



20201223_SystemPerformanceCheck-D2450V2 SN 939

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; $\sigma = 1.832$ S/m; $\epsilon_r = 37.766$; $\rho = 1000$ 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 Sn1591; Calibrated: 2020-08-25
- Probe: EX3DV4 - SN7330; ConvF(7.84, 7.84, 7.84) @ 2450 MHz; Calibrated: 2020-02-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM Phantom CRP v5.0(Left); Type: QD000P40CD; Serial: TP:1991

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

Maximum value of SAR (measured) = 7.28 W/kg

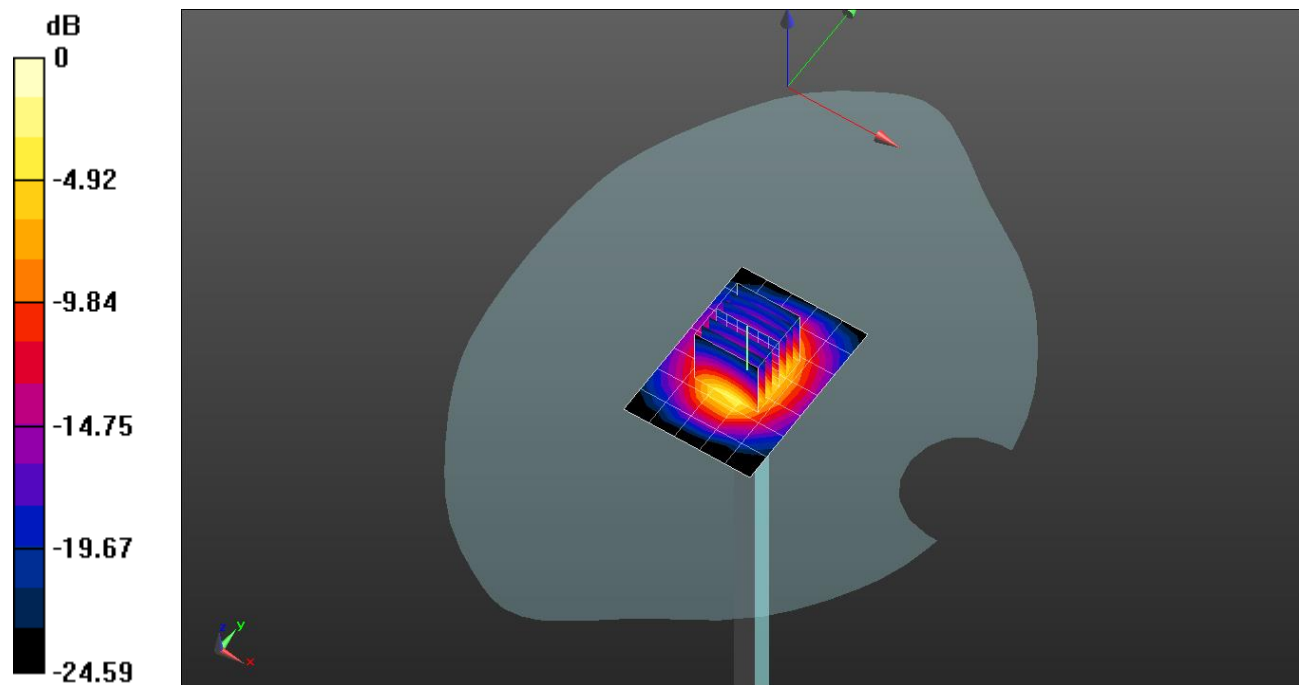
Head/Pin=100 mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 66.65 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 12.3 W/kg

SAR(1 g) = 5.59 W/kg; SAR(10 g) = 2.52 W/kg

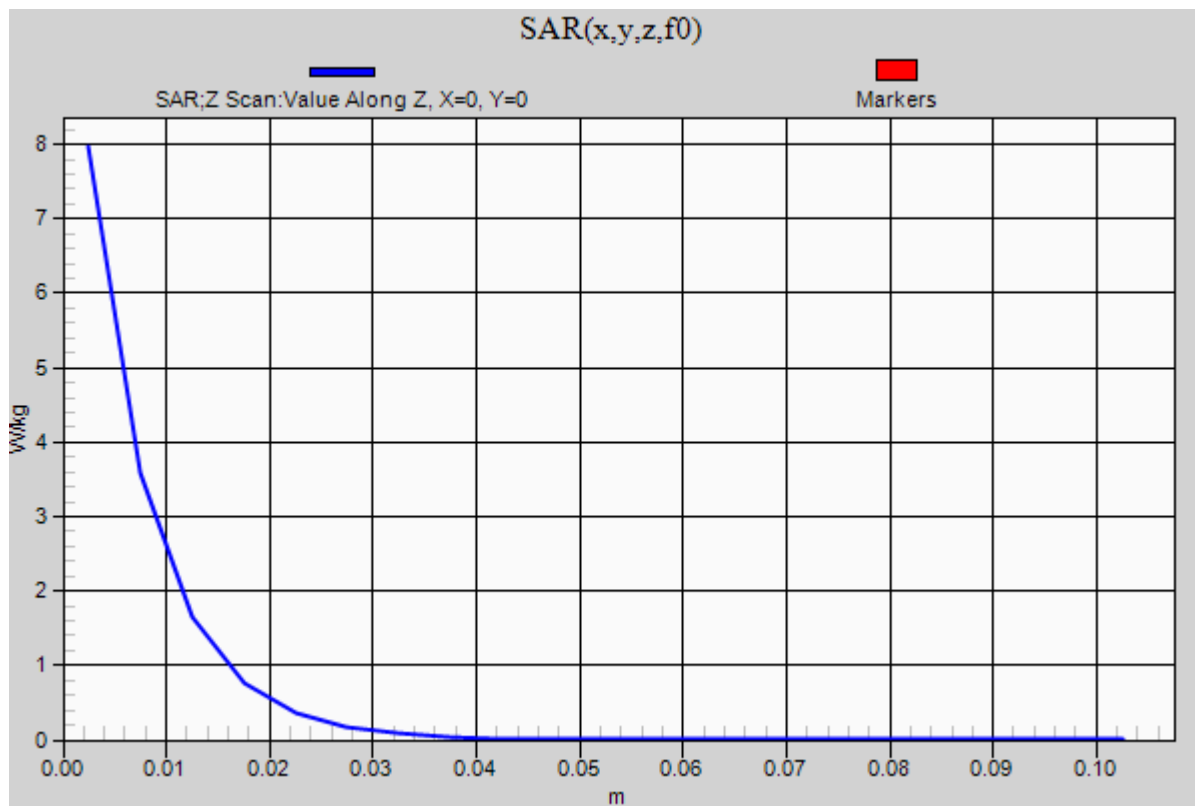
Maximum value of SAR (measured) = 9.68 W/kg



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

20201223_SystemPerformanceCheck-D2450V2 SN 939

Frequency: 2450 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) = 7.97 W/kg

20201230_SystemPerformanceCheck-D835V2 SN 4d174

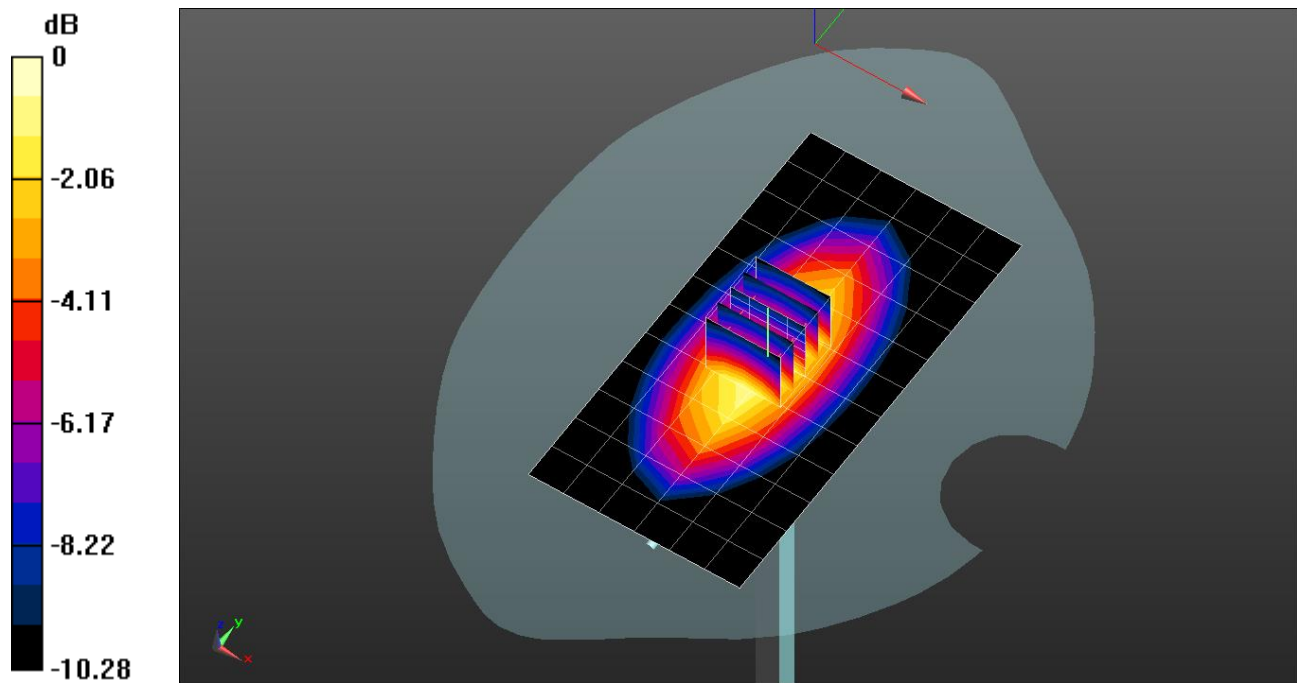
Frequency: 835 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: $f = 835$ MHz; $\sigma = 0.906$ S/m; $\epsilon_r = 41.69$; $\rho = 1000$ kg/m³

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 - SN3871; ConvF(9.83, 9.83, 9.83) @ 835 MHz; Calibrated: 8/28/2020
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: 1751

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

Head/Pin=100 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 36.65 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 1.49 W/kg
SAR(1 g) = 0.924 W/kg; SAR(10 g) = 0.602 W/kg
Maximum value of SAR (measured) = 1.17 W/kg



20201230_SystemPerformanceCheck-D835V2 SN 4d174

Frequency: 835 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) = 1.21 W/kg