

20220103_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: $f = 835$ MHz; $\sigma = 0.883$ S/m; $\epsilon_r = 41.088$; $\rho = 1000$ 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: 8/23/2021
- Probe: EX3DV4 - SN7314; ConvF(9.43, 9.43, 9.43) @ 835 MHz; Calibrated: 5/31/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877

Head/835 MHz, Pin=100mW/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.38 W/kg

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

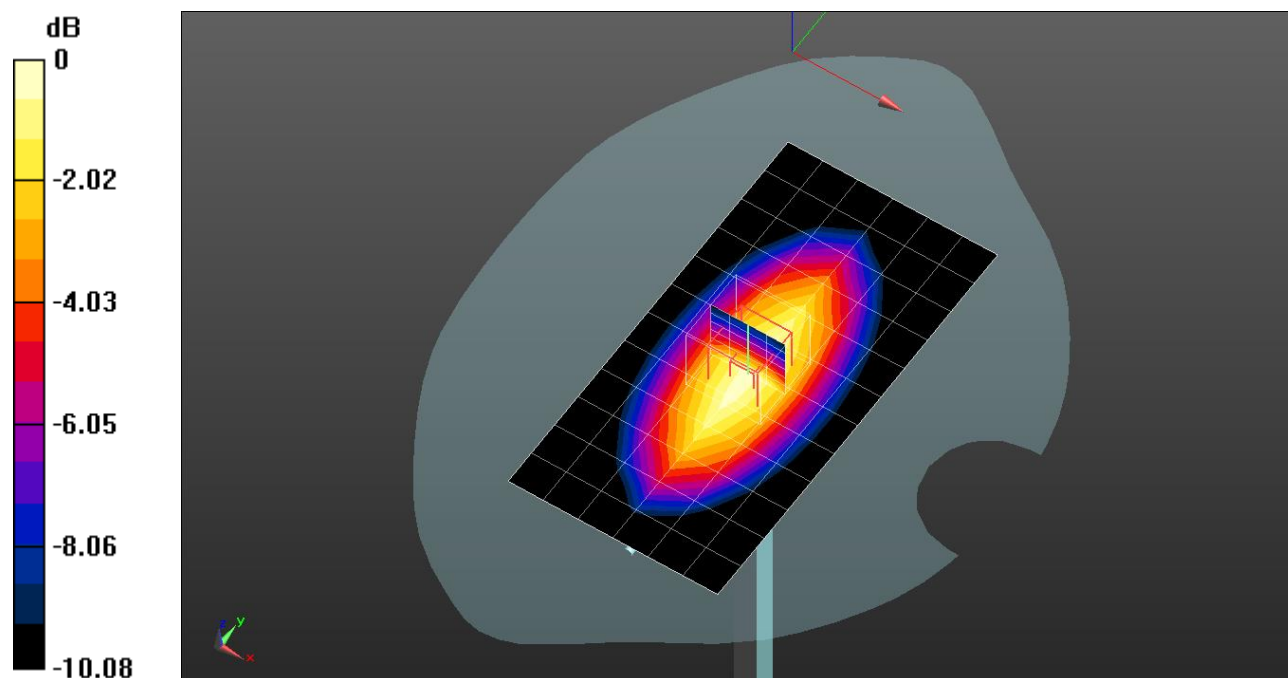
dz=5mm

Reference Value = 38.10 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.56 W/kg

SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.693 W/kg

Maximum value of SAR (measured) = 1.38 W/kg

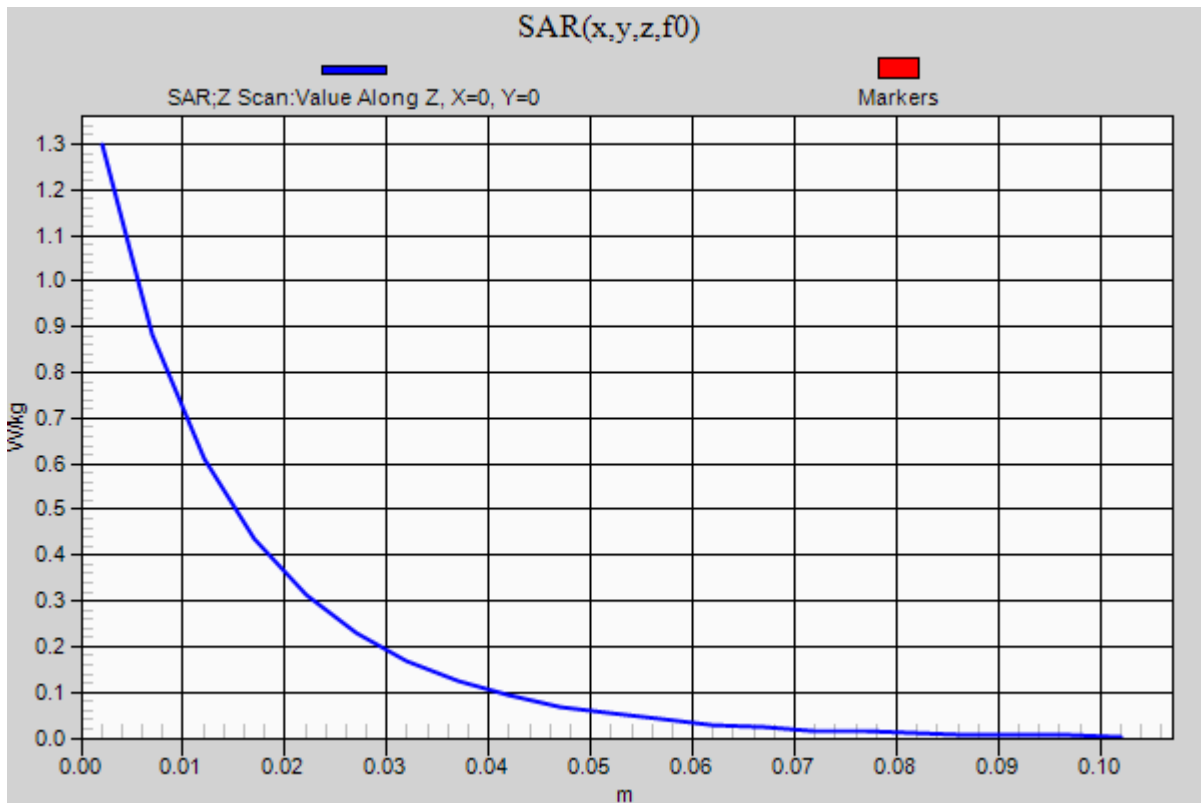


0 dB = 1.38 W/kg = 1.40 dBW/kg

20220103_SystemPerformanceCheck-D835V2 SN 4d194

Frequency: 835 MHz; Duty Cycle: 1:1

Head/835 MHz, Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 1.30 W/kg



20220117_SystemPerformanceCheck-D5GHzV2 SN 1184

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; $\sigma = 4.721$ S/m; $\epsilon_r = 35.684$; $\rho = 1000$ 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: 8/23/2021
- Probe: EX3DV4 - SN7314; ConvF(5.4, 5.4, 5.4) @ 5250 MHz; Calibrated: 5/31/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877

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

Maximum value of SAR (measured) = 16.8 W/kg

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

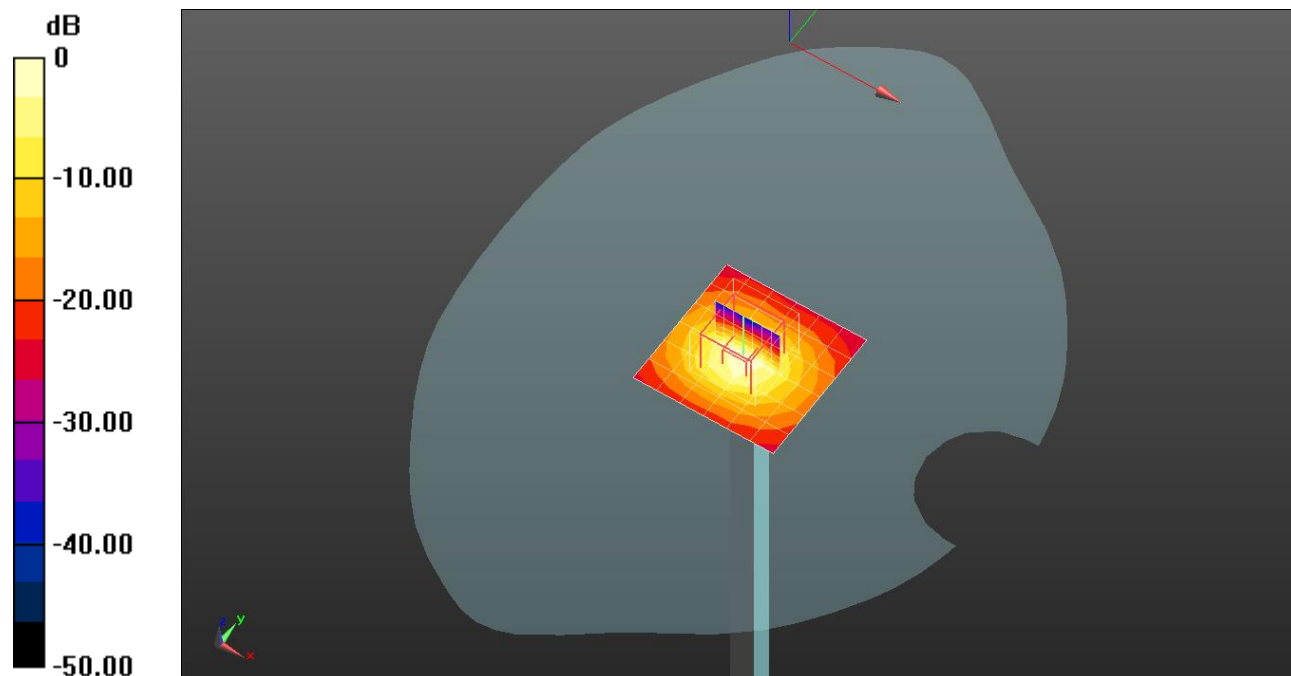
dz=1.4mm

Reference Value = 65.65 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 28.0 W/kg

SAR(1 g) = 7.28 W/kg; SAR(10 g) = 2.14 W/kg.

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

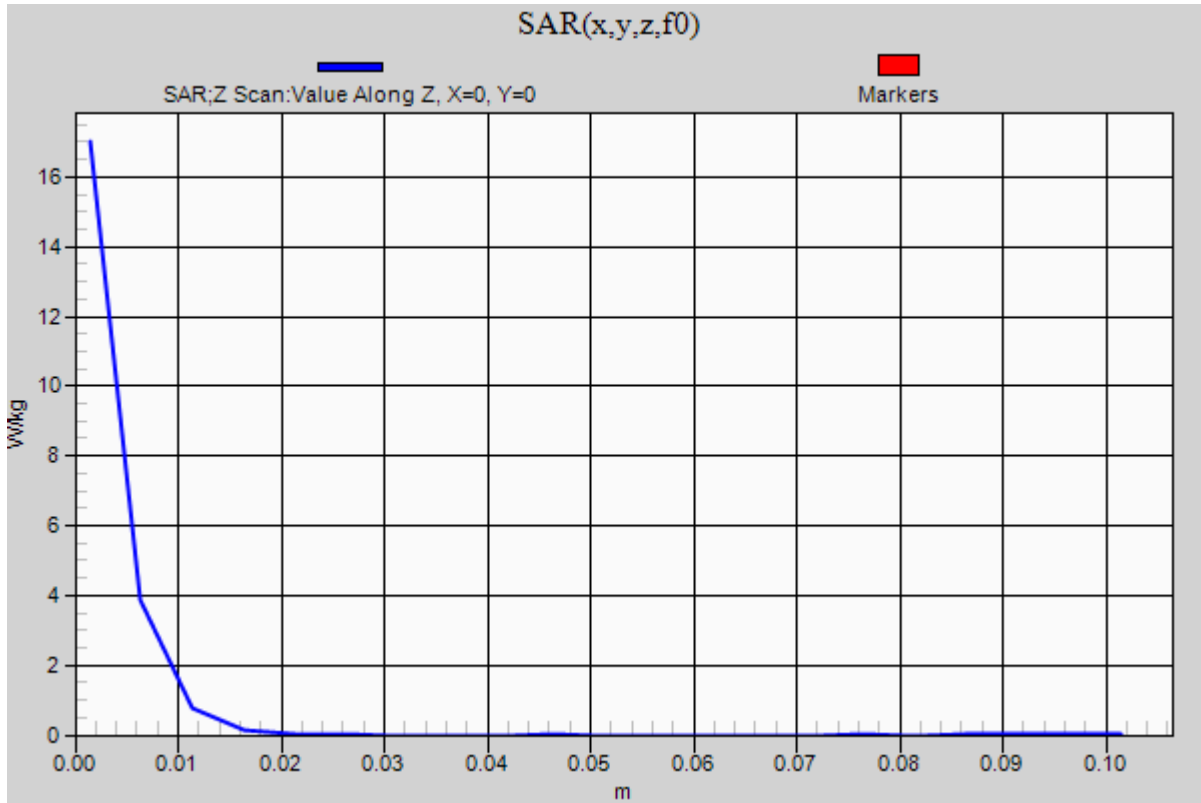


0 dB = 16.9 W/kg = 12.28 dBW/kg

20220117_SystemPerformanceCheck-D5GHzV2 SN 1184

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) = 17.0 W/kg



20220120_SystemPerformancecheck 2450_SN960

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; $\sigma = 1.818$ S/m; $\epsilon_r = 38.315$; $\rho = 1000$ 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: 8/23/2021
- Probe: EX3DV4 - SN7314; ConvF(7.47, 7.47, 7.47) @ 2450 MHz; Calibrated: 5/31/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877

Head/2450 MHz, Pin=100mW/Area Scan (6x8x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 6.67 W/kg

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

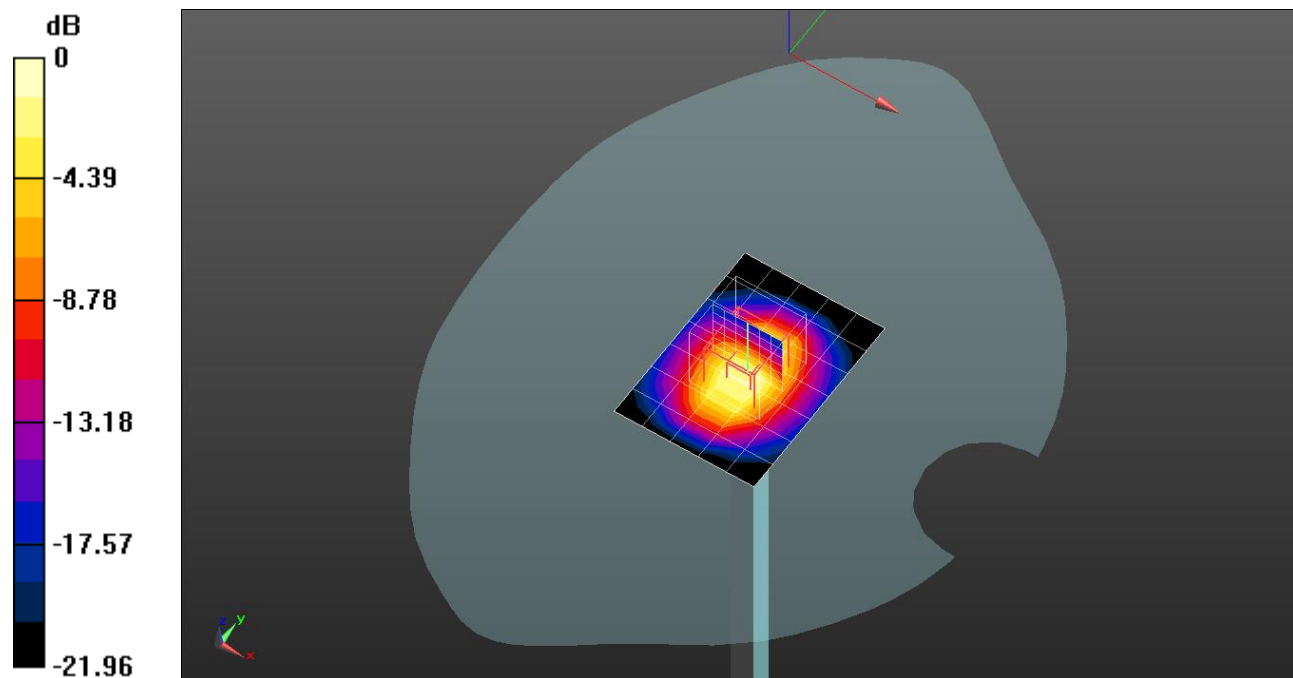
dz=5mm

Reference Value = 68.15 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 11.7 W/kg

SAR(1 g) = 5.43 W/kg; SAR(10 g) = 2.54 W/kg

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

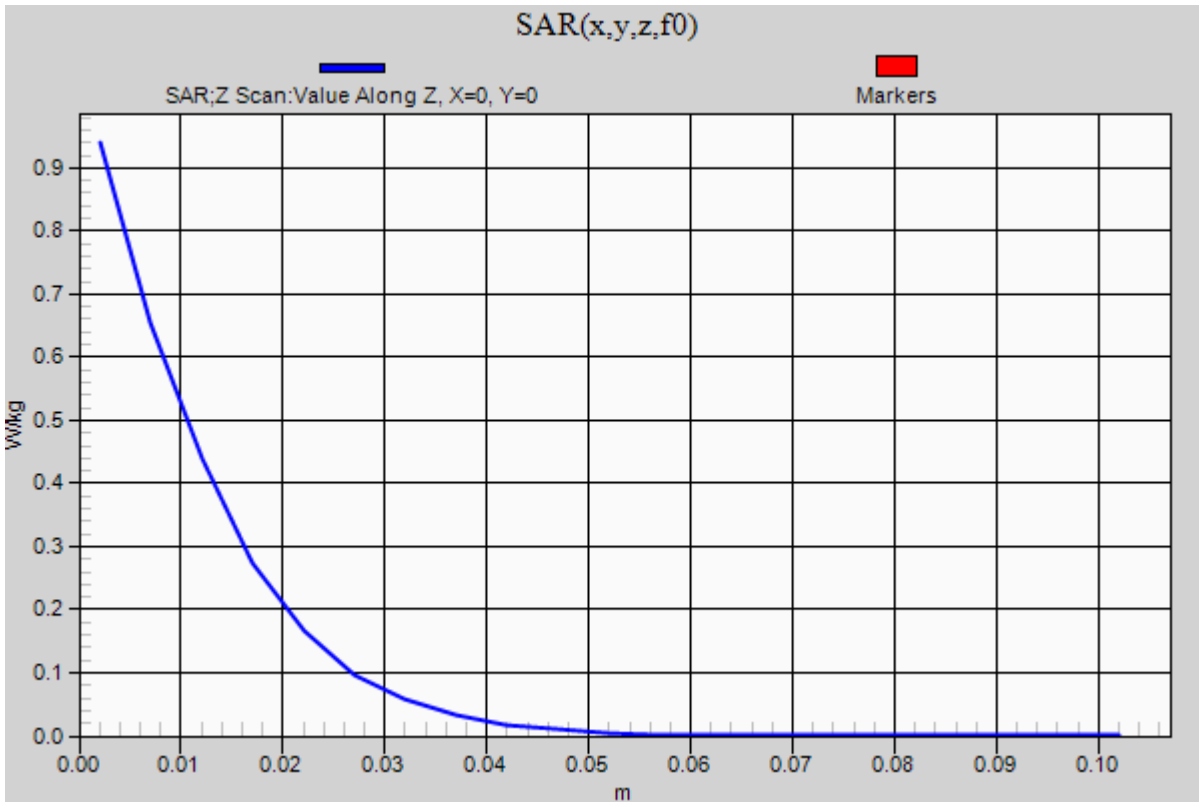


0 dB = 9.18 W/kg = 9.63 dBW/kg

20220120_SystemPerformancecheck 2450_SN960

Frequency: 2450 MHz; Duty Cycle: 1:1

Head/2450 MHz, Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.940 W/kg



20220117_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; $\sigma = 1.415$ S/m; $\epsilon_r = 41.565$; $\rho = 1000$ 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: 3/26/2021
- Probe: EX3DV4 - SN7376; ConvF(8.48, 8.48, 8.48) @ 1900 MHz; Calibrated: 7/30/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM Phantom CRP v5.0(Left); Type: QD000P40CD; Serial: TP:1991

Head/1900 MHz, Pin=100mW/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 6.56 W/kg

Head/1900 MHz, Pin=100mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,

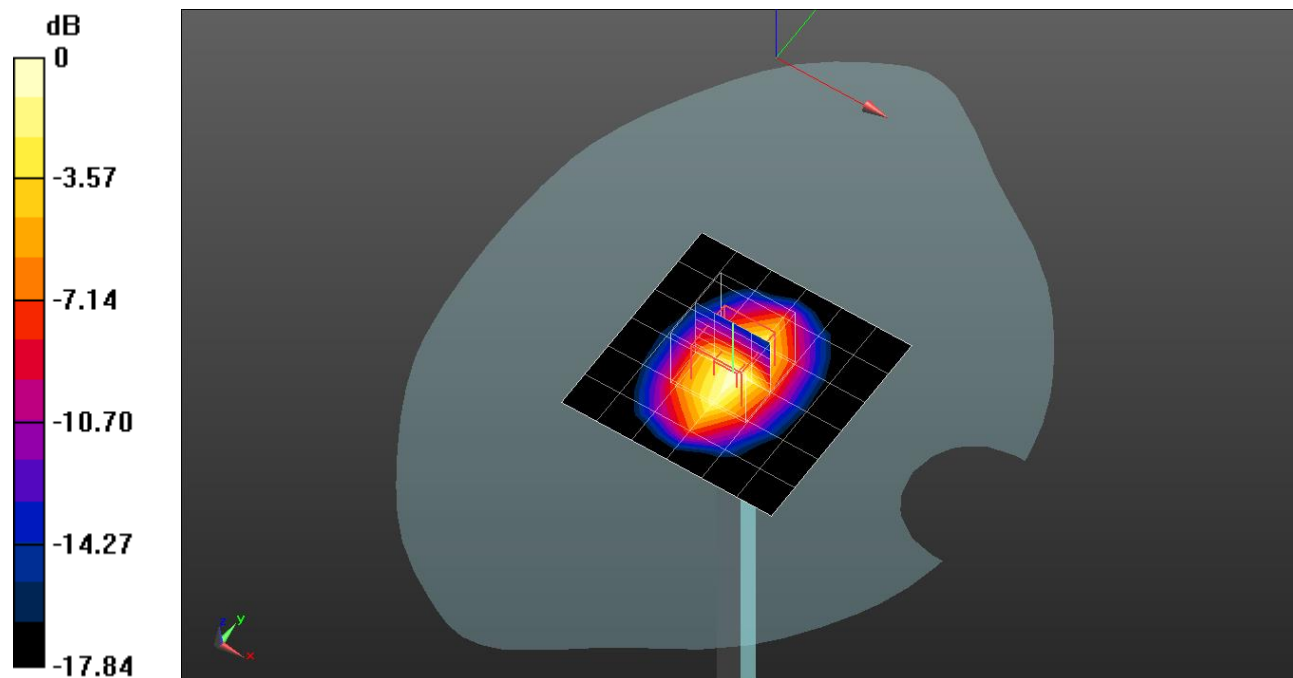
dz=5mm

Reference Value = 63.83 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 7.92 W/kg

SAR(1 g) = 4.22 W/kg; SAR(10 g) = 2.19 W/kg

Maximum value of SAR (measured) = 6.60 W/kg

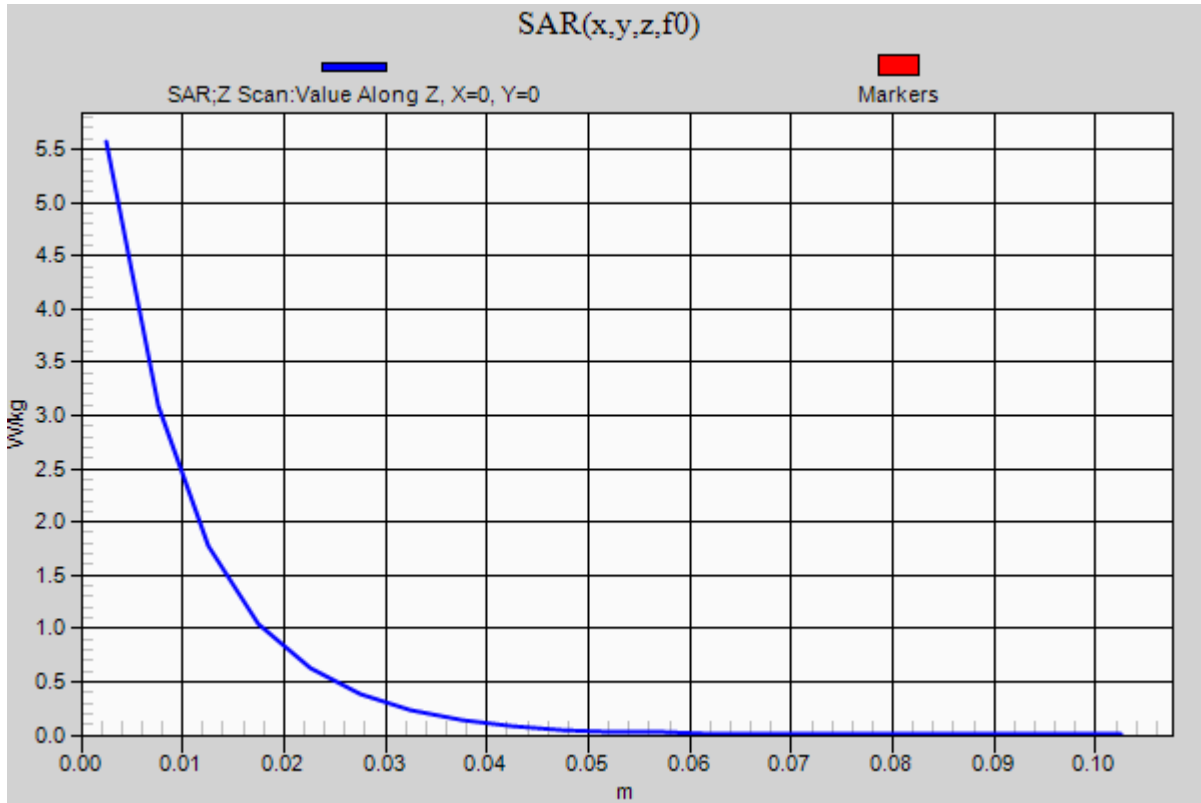


0 dB = 6.60 W/kg = 8.20 dBW/kg

20220117_SystemPerformanceCheck-D1900V2 SN 5d199

Frequency: 1900 MHz; Duty Cycle: 1:1

Head/1900 MHz, Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 5.57 W/kg



20220113_SystemPerformancecheck 2600_SN1178

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

Medium parameters used: $f = 2600$ MHz; $\sigma = 1.914$ S/m; $\epsilon_r = 40.564$; $\rho = 1000$ 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: 7/27/2021
- Probe: EX3DV4 - SN7313; ConvF(7.49, 7.49, 7.49) @ 2600 MHz; Calibrated: 2/23/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1751

Head/2600 MHz, Pin=100mW/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 9.50 W/kg

Head/2600 MHz, Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm,

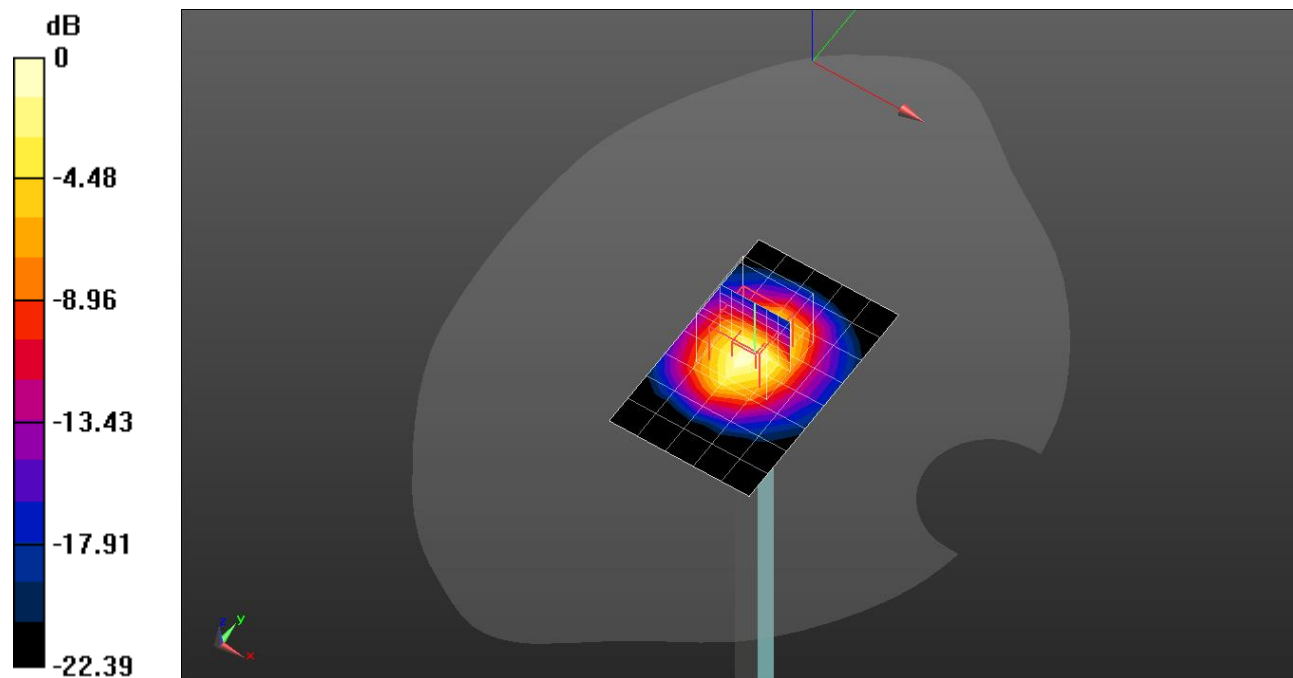
dz=5mm

Reference Value = 59.91 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 12.6 W/kg

SAR(1 g) = 6.02 W/kg; SAR(10 g) = 2.77 W/kg

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



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

20220113_SystemPerformancecheck 2600_SN1178

Frequency: 2600 MHz; Duty Cycle: 1:1

Head/2600 MHz, Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 6.97 W/kg

