

20210811_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; $\sigma = 5.168$ S/m; $\epsilon_r = 35.431$; $\rho = 1000$ 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 - SN7314; ConvF(4.75, 4.75, 4.75) @ 5600 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/5.6GHz/Pin=100mW/Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 21.7 W/kg

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

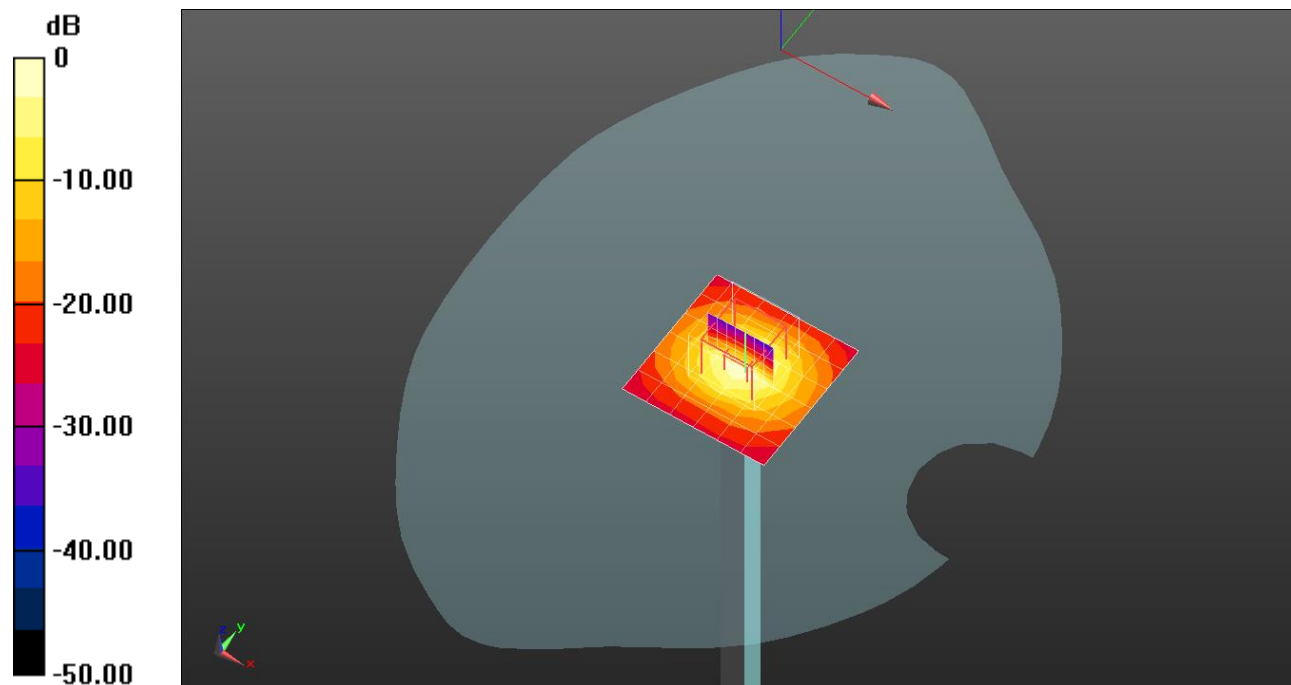
dz=1.4mm

Reference Value = 73.01 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 39.8 W/kg

SAR(1 g) = 8.81 W/kg; SAR(10 g) = 2.5 W/kg

Maximum value of SAR (measured) = 21.1 W/kg

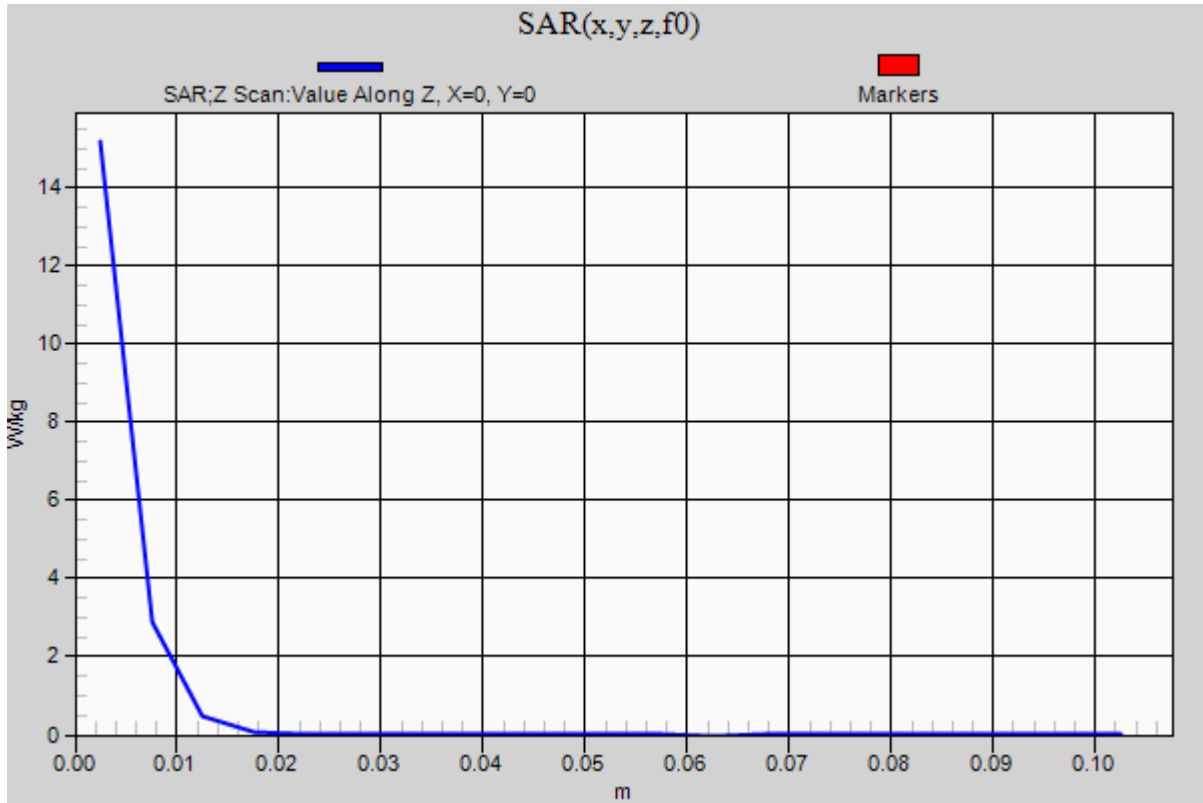


0 dB = 21.1 W/kg = 13.24 dBW/kg

20210811_SystemPerformanceCheck-D5GHzV2 SN 1209

Frequency: 5600 MHz; Duty Cycle: 1:1

Head/5.6GHz/Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 15.2 W/kg



20210813_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; $\sigma = 1.338$ S/m; $\epsilon_r = 39.795$; $\rho = 1000$ 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 Sn614; Calibrated: 3/5/2021
- Probe: EX3DV4 - SN7645; ConvF(9.3, 9.3, 9.3) @ 1750 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Head/1750MHz/Pin=100mW/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 5.14 W/kg

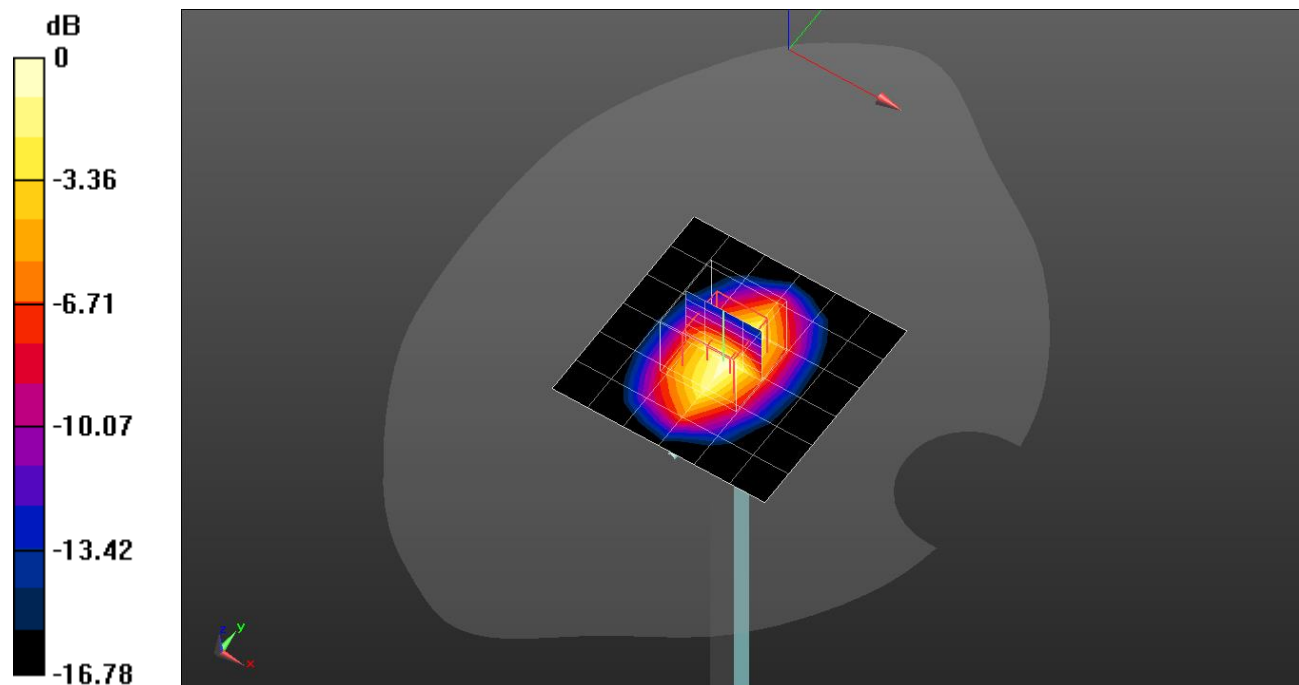
Head/1750MHz/Pin=100mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 57.69 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 6.17 W/kg

SAR(1 g) = 3.37 W/kg; SAR(10 g) = 1.8 W/kg

Maximum value of SAR (measured) = 5.19 W/kg

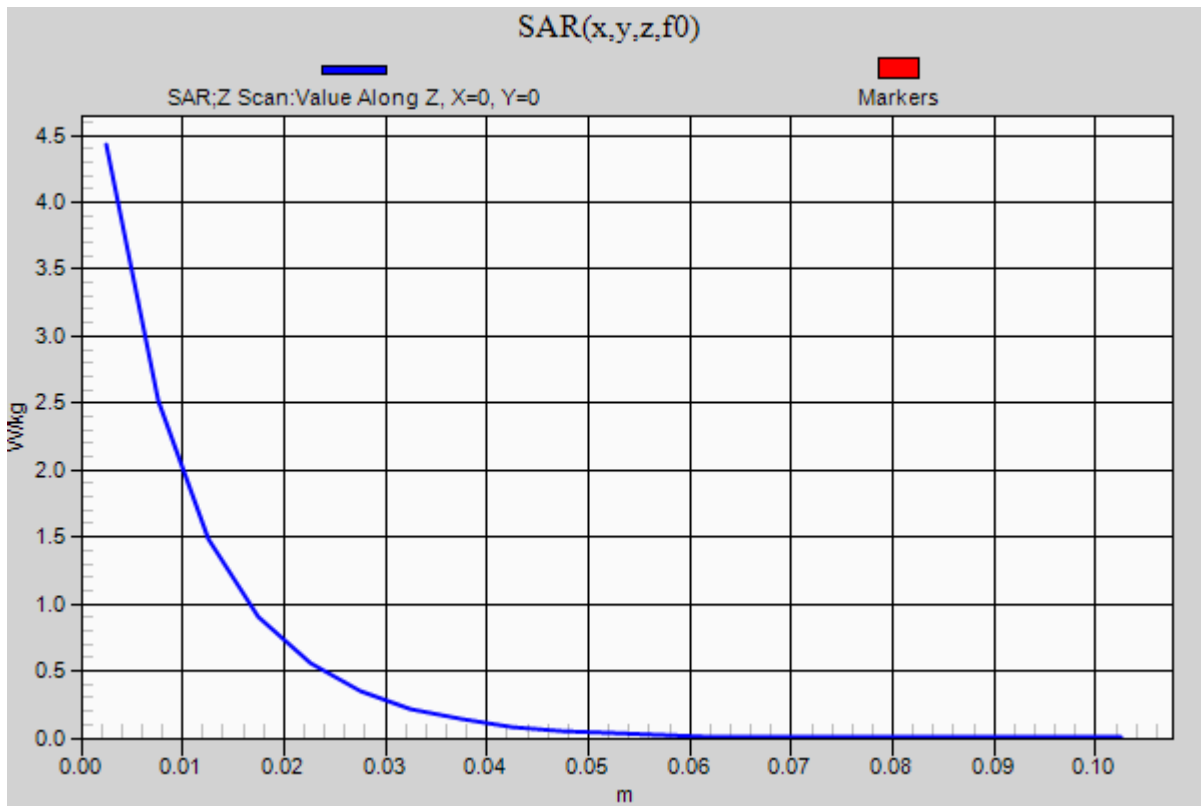


0 dB = 5.19 W/kg = 7.15 dBW/kg

20210813_SystemPerformanceCheck-D1750V2 SN 1125

Frequency: 1750 MHz; Duty Cycle: 1:1

Head/1750MHz/Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 4.43 W/kg



20210813_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; $\sigma = 1.394$ S/m; $\epsilon_r = 39.059$; $\rho = 1000$ 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 Sn614; Calibrated: 3/5/2021
- Probe: EX3DV4 - SN7645; ConvF(8.9, 8.9, 8.9) @ 1900 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

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

Maximum value of SAR (measured) = 5.85 W/kg

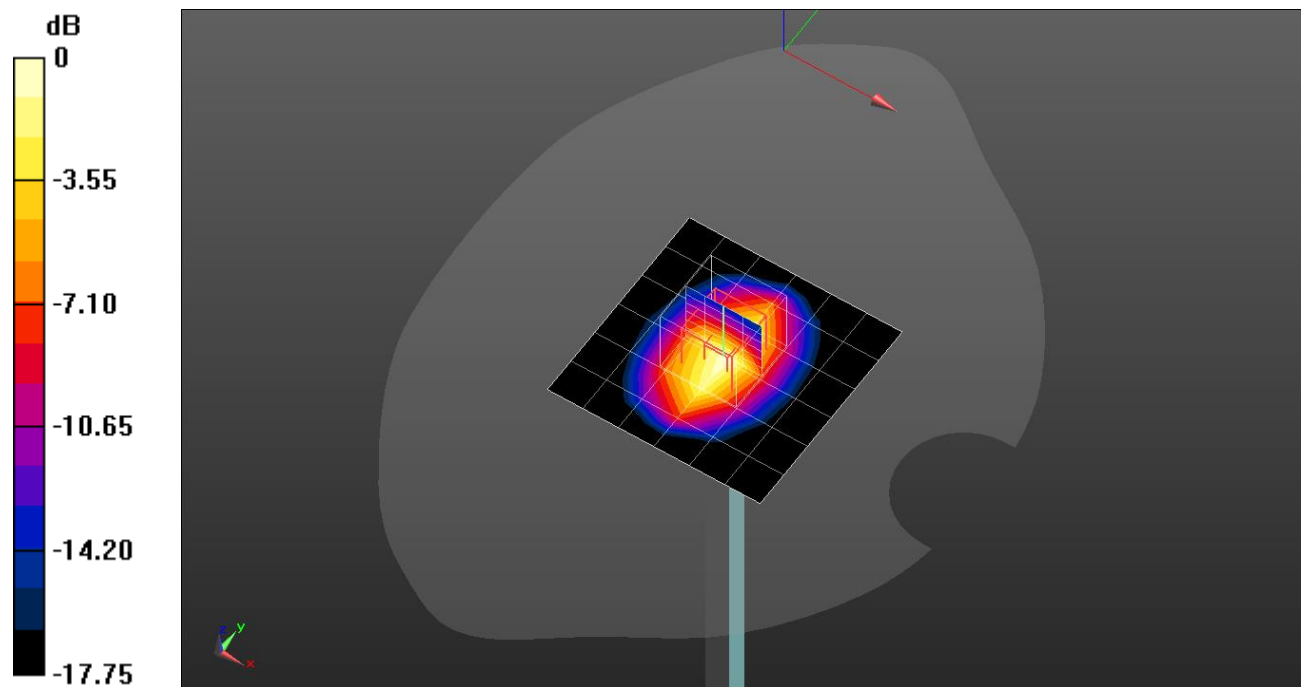
Head/1900MHz/Pin=100mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 60.29 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 7.14 W/kg

SAR(1 g) = 3.87 W/kg; SAR(10 g) = 2.02 W/kg

Maximum value of SAR (measured) = 6.01 W/kg

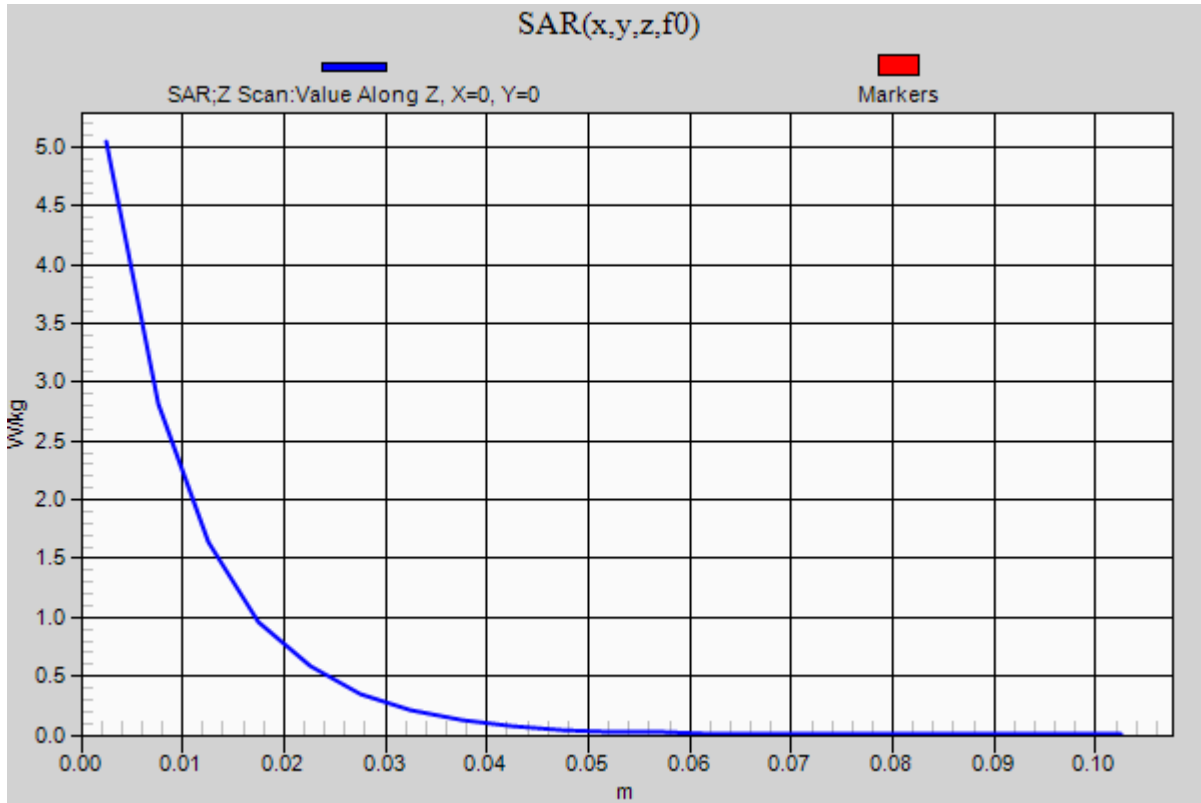


0 dB = 6.01 W/kg = 7.79 dBW/kg

20210813_SystemPerformanceCheck-D1900V2 SN 5d199

Frequency: 1900 MHz; Duty Cycle: 1:1

Head/1900MHz/Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 5.05 W/kg



20210802_SystemPerformancecheck D2600V2_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; $\sigma = 1.919$ S/m; $\epsilon_r = 38.367$; $\rho = 1000$ 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 - SN7545; ConvF(7.11, 7.11, 7.11) @ 2600 MHz; Calibrated: 11/23/2020
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM Phantom CRP v5.0(Left); Type: QD000P40CD; Serial: TP:1991

Head/2600MHz/Pin=100mW/Area Scan (6x8x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 6.25 W/kg

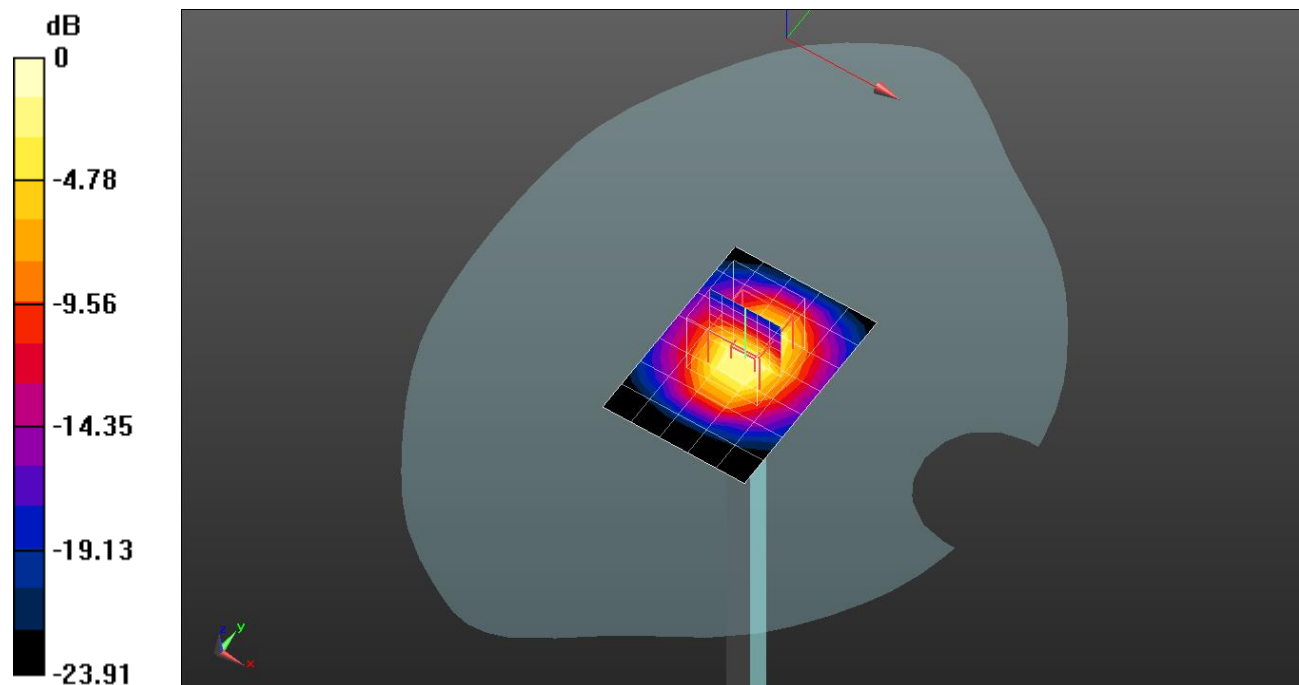
Head/2600MHz/Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 64.93 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 12.1 W/kg

SAR(1 g) = 5.59 W/kg; SAR(10 g) = 2.49 W/kg

Maximum value of SAR (measured) = 8.05 W/kg

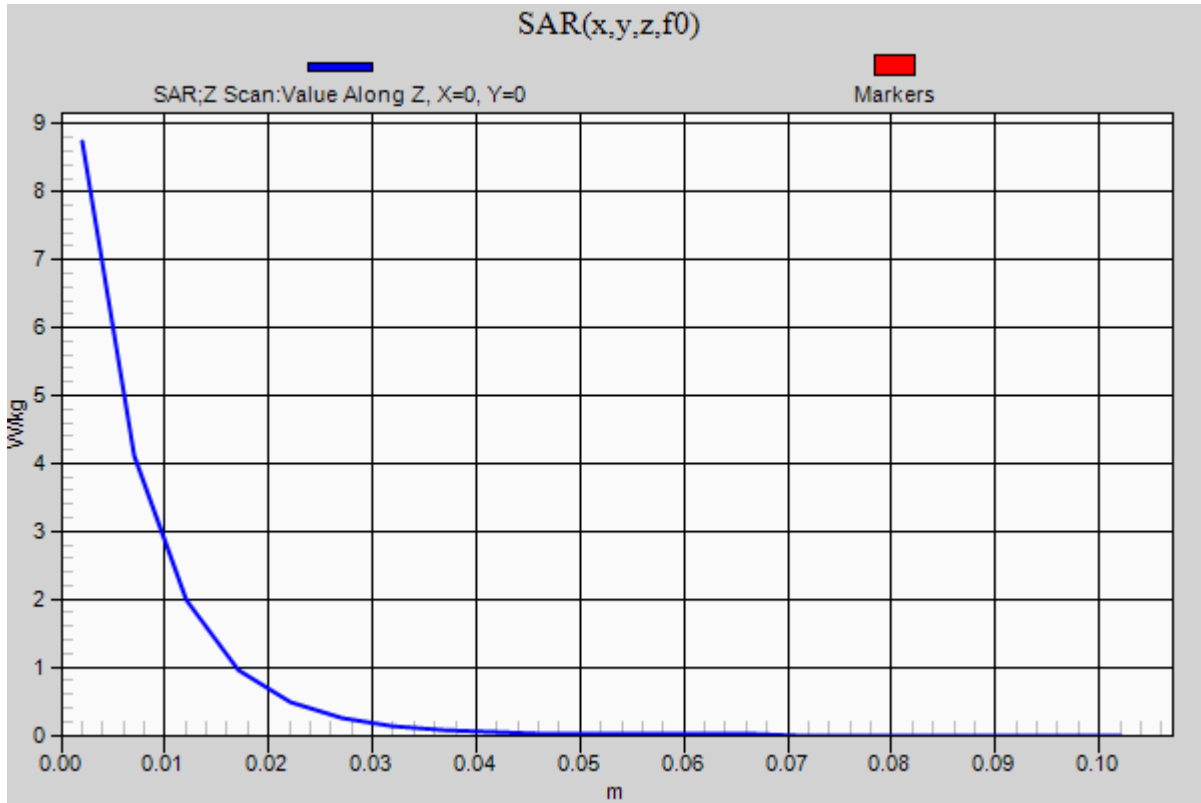


0 dB = 8.05 W/kg = 9.06 dBW/kg

20210802_SystemPerformancecheck D2600V2_SN1097

Frequency: 2600 MHz; Duty Cycle: 1:1

Head/2600MHz/Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 8.74 W/kg



20210805_SystemPerformancecheck D2450V2_SN960

Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used: $f = 2450 \text{ MHz}$; $\sigma = 1.847 \text{ S/m}$; $\epsilon_r = 37.851$; $\rho = 1000 \text{ kg/m}^3$

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: DAE4 Sn1591; Calibrated: 3/26/2021
- Probe: EX3DV4 - SN7545; ConvF(7.29, 7.29, 7.29) @ 2450 MHz; Calibrated: 11/23/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM Phantom CRP v5.0(Left); Type: QD000P40CD; Serial: TP:1991

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

Maximum value of SAR (measured) = 7.48 W/kg

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

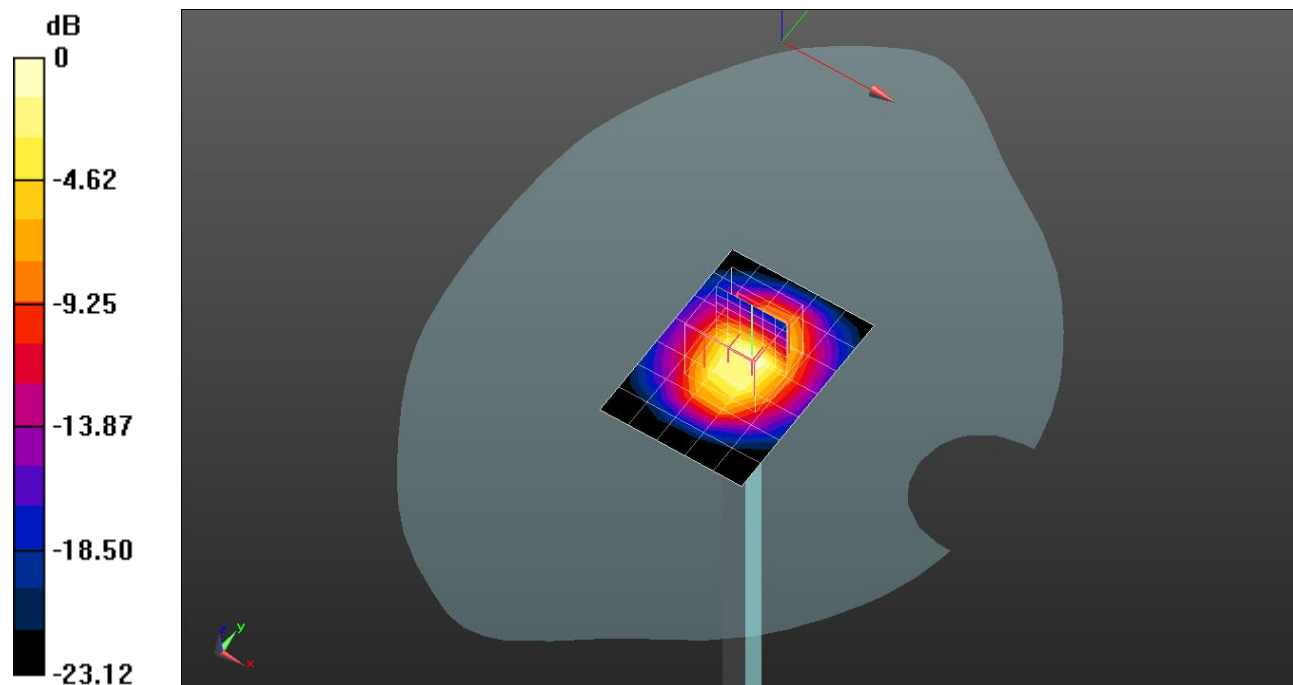
$dz=5\text{mm}$

Reference Value = 65.72 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 12.0 W/kg

SAR(1 g) = 5.61 W/kg; SAR(10 g) = 2.58 W/kg

Maximum value of SAR (measured) = 9.43 W/kg

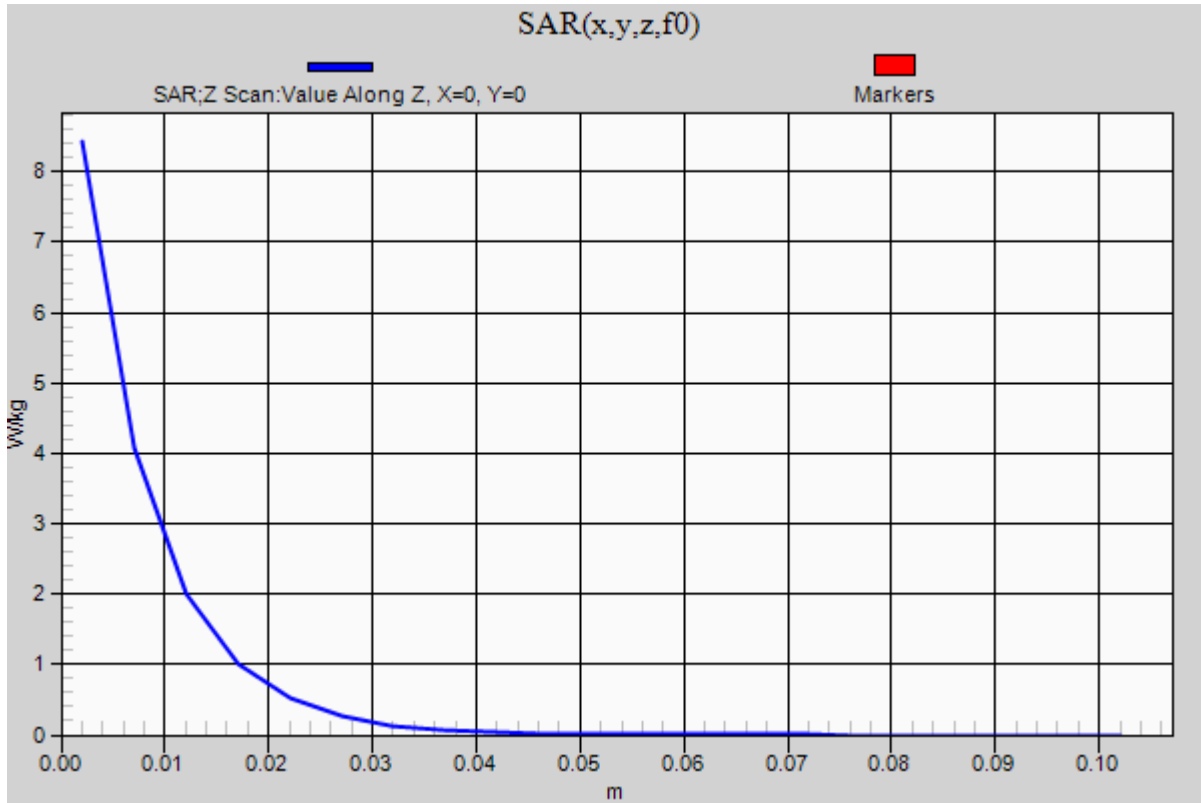


0 dB = 9.43 W/kg = 9.75 dBW/kg

20210805_SystemPerformancecheck D2450V2_SN960

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) = 8.42 W/kg



20210802_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: $f = 750 \text{ MHz}$; $\sigma = 0.899 \text{ S/m}$; $\epsilon_r = 42.142$; $\rho = 1000 \text{ kg/m}^3$

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: DAE4 Sn1343; Calibrated: 8/25/2020
- Probe: EX3DV4 - SN3871; ConvF(10.39, 10.39, 10.39) @ 750 MHz; Calibrated: 8/28/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: 1751

Head/750MHz/Pin=100mW/Area Scan (6x17x1): Measurement grid: dx=15mm, dy=15mm

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

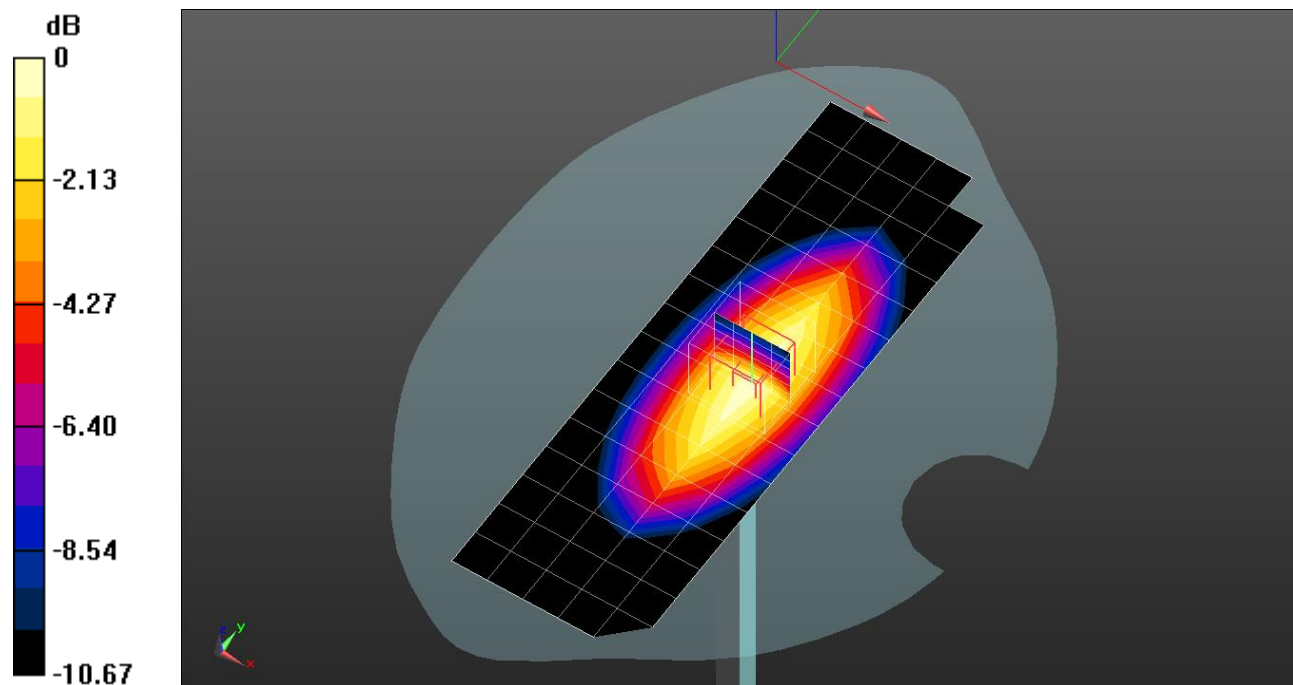
Head/750MHz/Pin=100mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.72 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.832 W/kg; SAR(10 g) = 0.547 W/kg

Maximum value of SAR (measured) = 1.12 W/kg

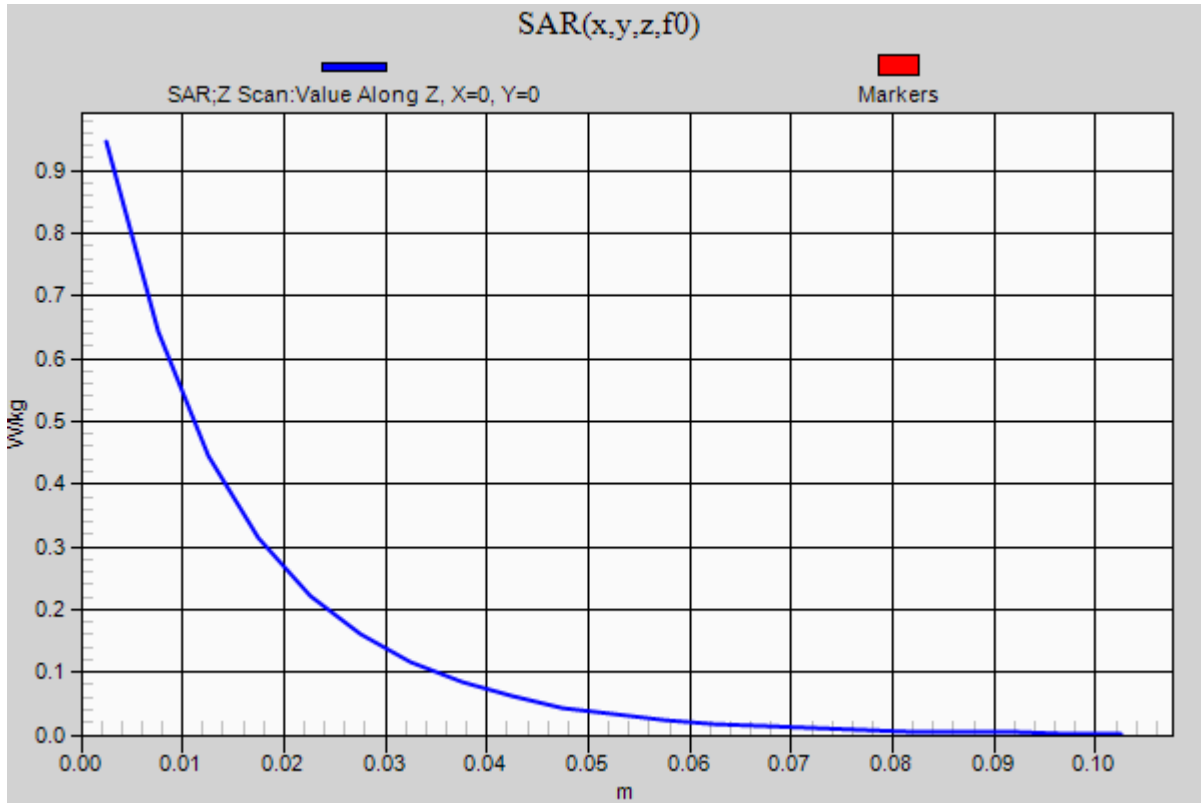


0 dB = 1.12 W/kg = 0.49 dBW/kg

20210802_SystemPerformanceCheck-D750V3 SN 1122

Frequency: 750 MHz; Duty Cycle: 1:1

Head/750MHz/Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.946 W/kg



20210813_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; $\sigma = 0.936$ S/m; $\epsilon_r = 40.738$; $\rho = 1000$ 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 - SN7376; ConvF(9.97, 9.97, 9.97) @ 835 MHz; Calibrated: 7/31/2020
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: 1751

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

Maximum value of SAR (measured) = 1.21 W/kg

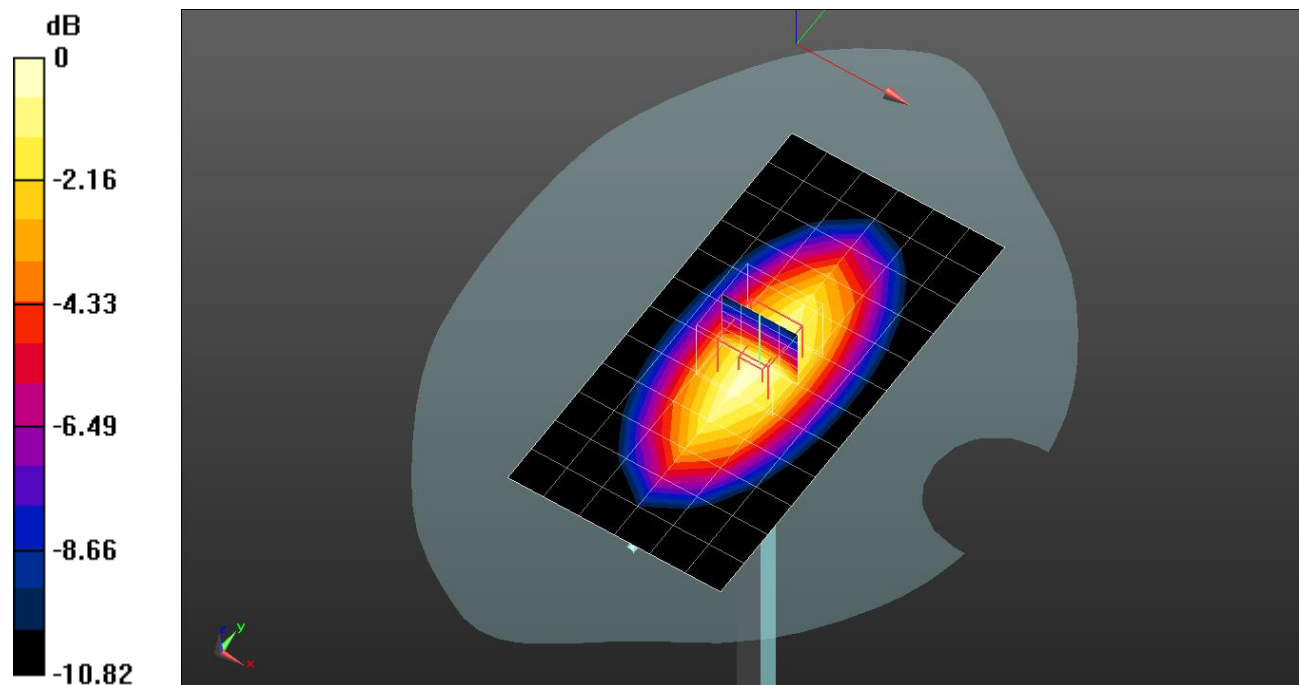
Head/835MHz/Pin=100mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.42 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.655 W/kg

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



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

20210813_SystemPerformanceCheck-D835V2 SN 4d194

Frequency: 835 MHz; Duty Cycle: 1:1

Head/835MHz/Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 1.26 W/kg

