

20230703_SystemPerformanceCheck-D5GHzV2_SN 1209

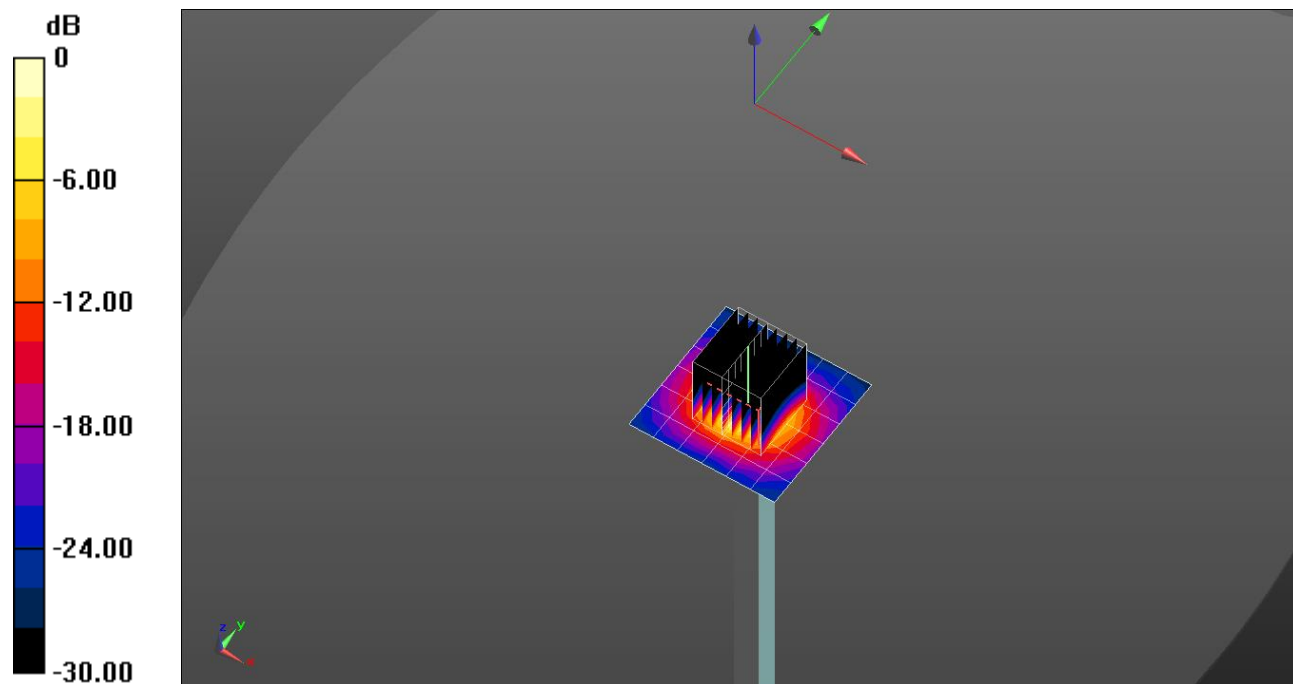
Frequency: 5600 MHz; Communication System Channel Number: 1; Duty Cycle: 1:1
 Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used: $f = 5600$ MHz; $\sigma = 4.995$ S/m; $\epsilon_r = 34.415$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1668; Calibrated: 4/26/2023
- Probe: EX3DV4 - SN7545; ConvF(4.56, 4.56, 4.56) @ 5600 MHz; Calibrated: 8/19/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V8.0 (20deg probe tilt); Phantom section: Flat Section ; Type: QD OVA 004 Ax
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head/5.6GHz, Pin=100mW/Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 22.2 W/kg

Head/5.6GHz, Pin=100mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
 Reference Value = 72.12 V/m; Power Drift = 0.13 dB
 Peak SAR (extrapolated) = 39.7 W/kg
SAR(1 g) = 9 W/kg; SAR(10 g) = 2.56 W/kg
 Maximum value of SAR (measured) = 21.7 W/kg



0 dB = 21.7 W/kg = 13.36 dBW/kg

20230616_SystemPerformancecheck-D2600V2_SN 1178

Frequency: 2600 MHz; Communication System Channel Number: 0; Duty Cycle: 1:1
 Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used: $f = 2600$ MHz; $\sigma = 1.905$ S/m; $\epsilon_r = 39.465$; $\rho = 1000$ 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
- Electronics: DAE4 Sn1591; Calibrated: 3/22/2023
- Probe: EX3DV4 - SN7645; ConvF(6.73, 6.73, 6.73) @ 2600 MHz; Calibrated: 11/15/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Phantom section: Flat Section; Type: QDOVA003AA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head/2600MHz, Pin=100mW/Area Scan (6x8x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 6.94 W/kg

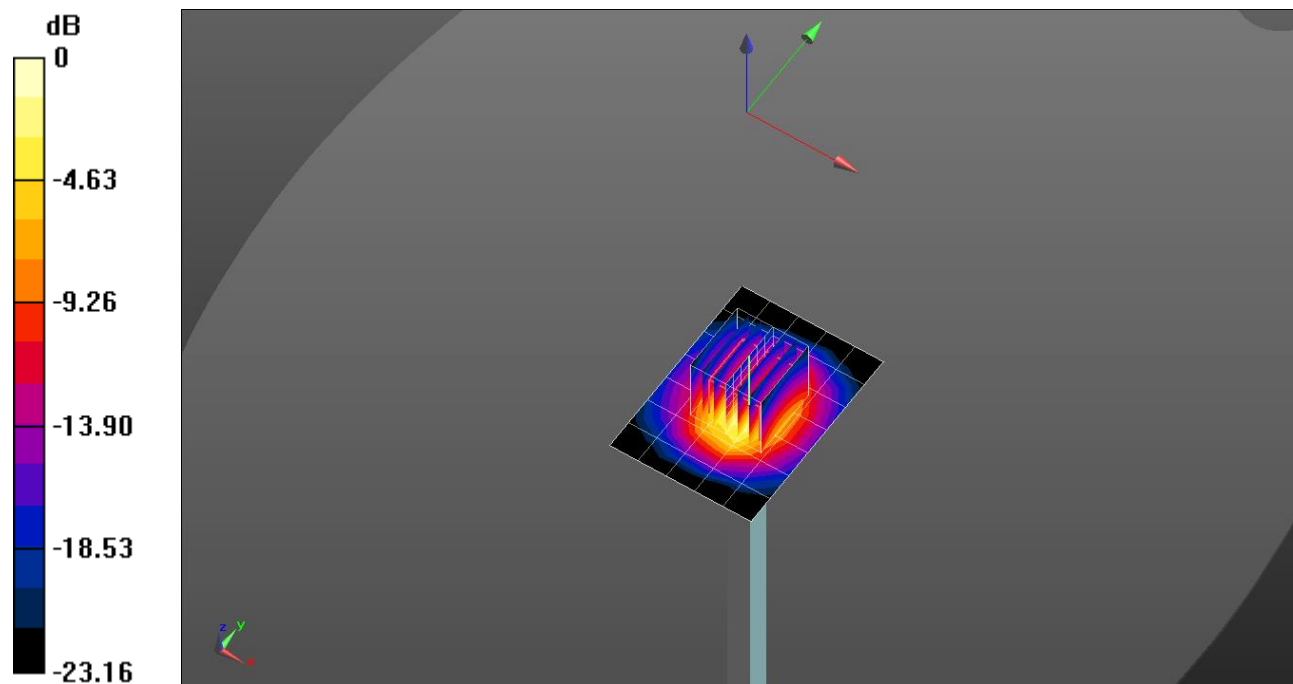
Head/2600MHz, Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 61.89 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 11.2 W/kg

SAR(1 g) = 5.22 W/kg; SAR(10 g) = 2.35 W/kg

Maximum value of SAR (measured) = 8.99 W/kg



0 dB = 8.99 W/kg = 9.54 dBW/kg

20230627_SystemPerformanceCheck-D5GHzV2_SN 1209

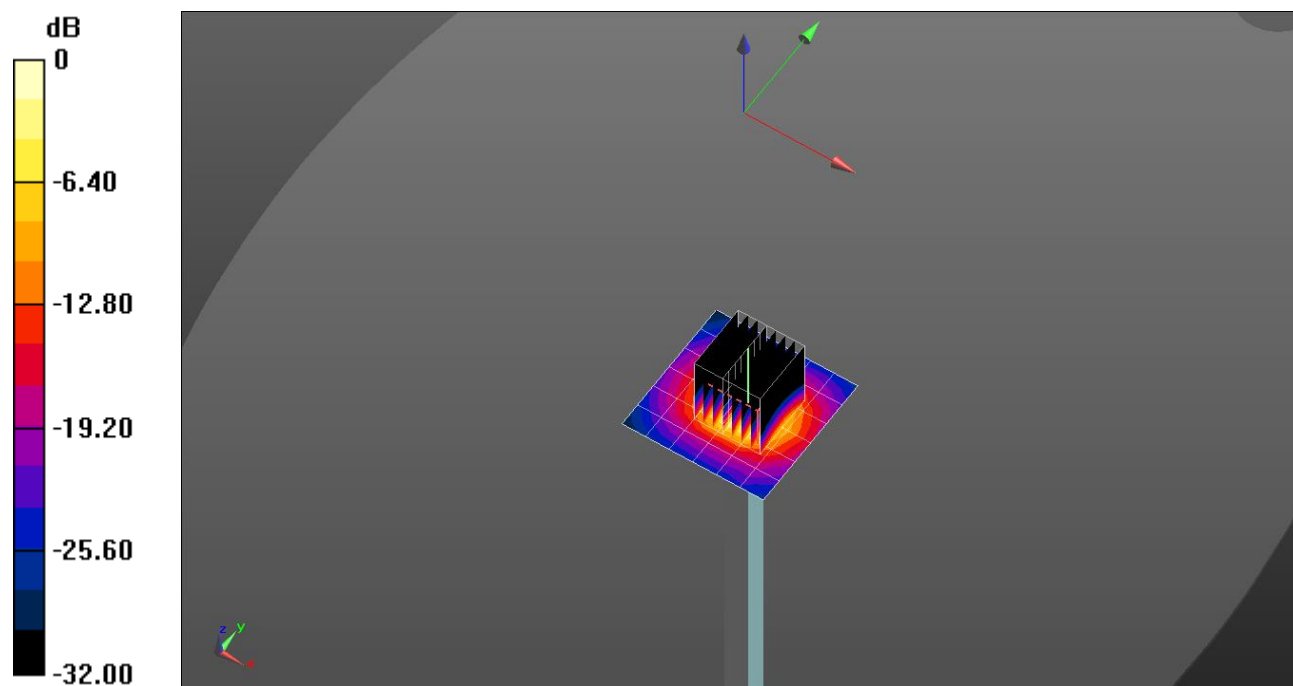
Frequency: 5600 MHz; Communication System Channel Number: 1; Duty Cycle: 1:1
 Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used: $f = 5600 \text{ MHz}$; $\sigma = 5.082 \text{ S/m}$; $\epsilon_r = 35.077$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1591; Calibrated: 3/22/2023
- Probe: EX3DV4 - SN7645; ConvF(4.33, 4.33, 4.33) @ 5600 MHz; Calibrated: 11/15/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Phantom section: Flat Section; Type: QDOVA003AA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head/5.6GHz, Pin=100mW/Area Scan (7x7x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
 Maximum value of SAR (measured) = 19.3 W/kg

Head/5.6GHz, Pin=100mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$
 Reference Value = 70.84 V/m; Power Drift = -0.10 dB
 Peak SAR (extrapolated) = 40.0 W/kg
SAR(1 g) = 9.04 W/kg; SAR(10 g) = 2.54 W/kg
 Maximum value of SAR (measured) = 22.0 W/kg



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

20230707_SystemPerformancecheck-D2450V2_SN 960

Frequency: 2450 MHz; Communication System Channel Number: 0; Duty Cycle: 1:1

Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used (interpolated): $f = 2450$ MHz; $\sigma = 1.769$ S/m; $\epsilon_r = 38.247$; $\rho = 1000$ 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
- Electronics: DAE4 Sn1591; Calibrated: 3/22/2023
- Probe: EX3DV4 - SN7645; ConvF(6.93, 6.93, 6.93) @ 2450 MHz; Calibrated: 11/15/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Phantom section: Flat Section; Type: QDOVA003AA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head/2450MHz, Pin=100mW/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 8.07 W/kg

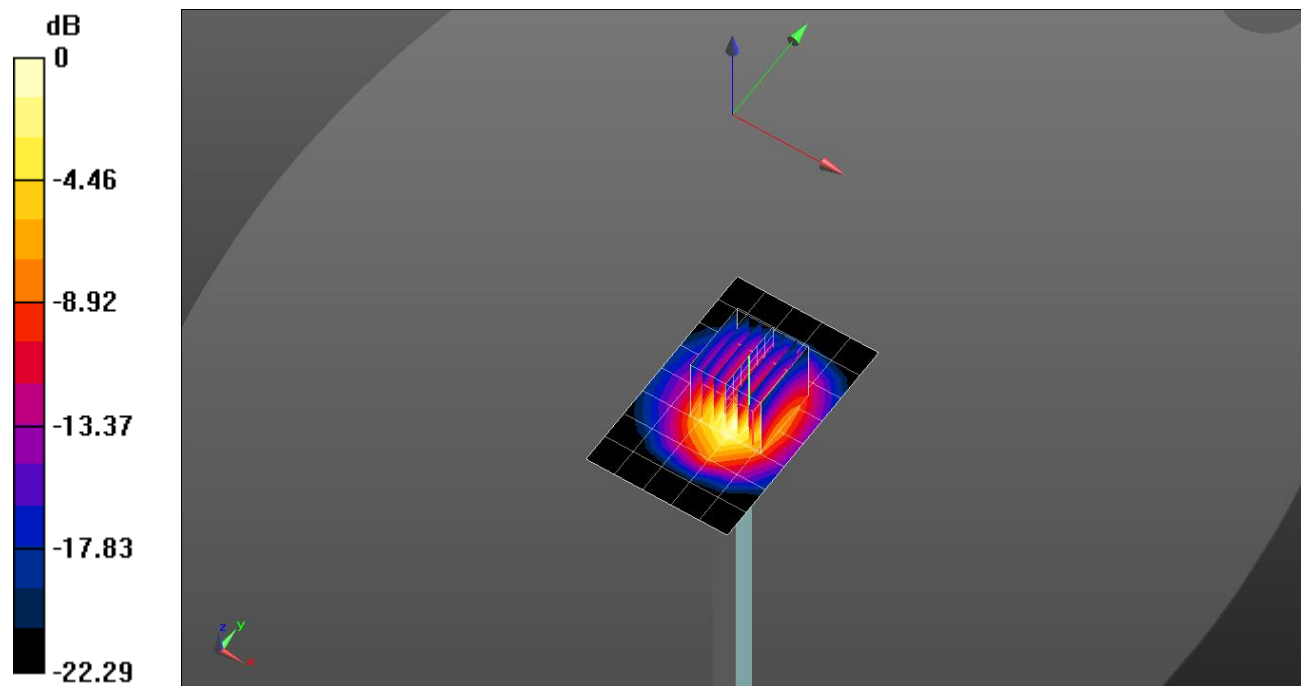
Head/2450MHz, Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 58.03 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 10.3 W/kg

SAR(1 g) = 4.99 W/kg; SAR(10 g) = 2.33 W/kg

Maximum value of SAR (measured) = 8.26 W/kg



0 dB = 8.26 W/kg = 9.17 dBW/kg

20230710_SystemPerformanceCheck-D3700V2_SN 1036

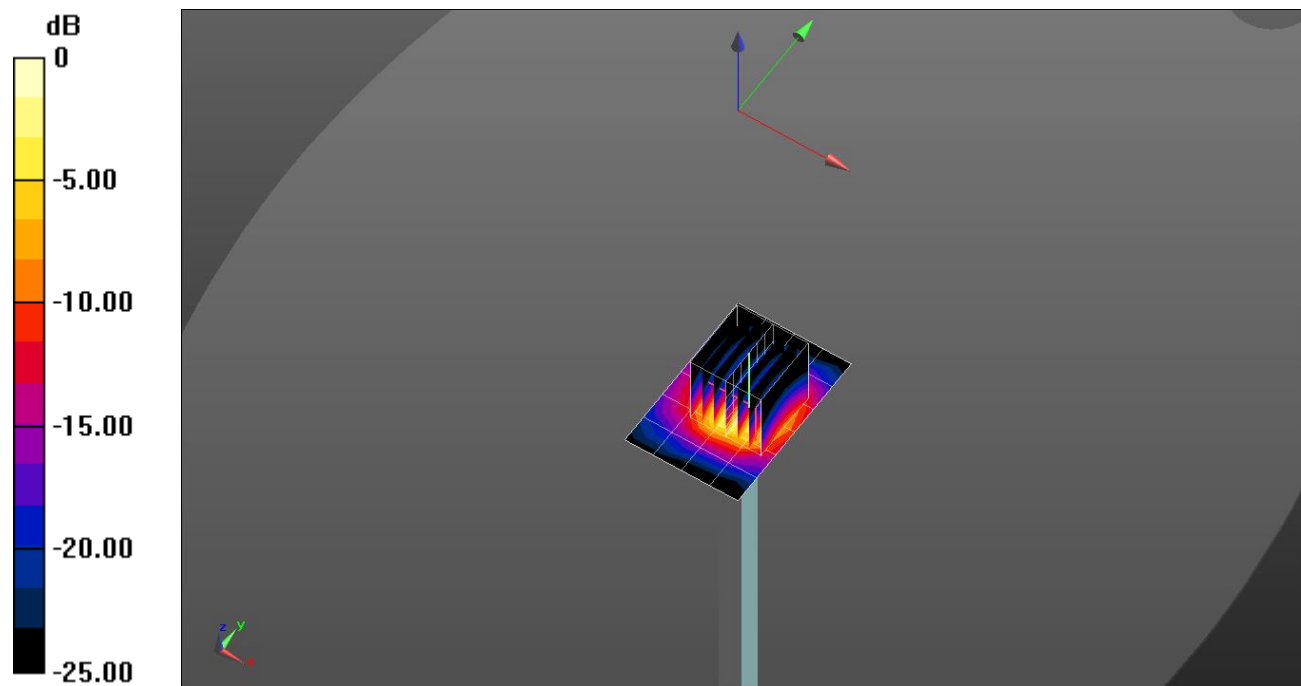
Frequency: 3700 MHz; Communication System Channel Number: 0; Duty Cycle: 1:1
 Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used: $f = 3700$ MHz; $\sigma = 3.037$ S/m; $\epsilon_r = 37.528$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1591; Calibrated: 3/22/2023
- Probe: EX3DV4 - SN7645; ConvF(5.72, 5.72, 5.72) @ 3700 MHz; Calibrated: 11/15/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Phantom section: Flat Section; Type: QDOVA003AA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head/3700MHz, Pin=100mW/Area Scan (5x7x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 10.3 W/kg

Head/3700MHz, Pin=100mW/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm
 Reference Value = 61.64 V/m; Power Drift = -0.18 dB
 Peak SAR (extrapolated) = 17.0 W/kg
SAR(1 g) = 6.18 W/kg; SAR(10 g) = 2.3 W/kg
 Maximum value of SAR (measured) = 12.2 W/kg



0 dB = 12.2 W/kg = 10.86 dBW/kg

20230710_SystemPerformanceCheck-D3900V2_SN 1069

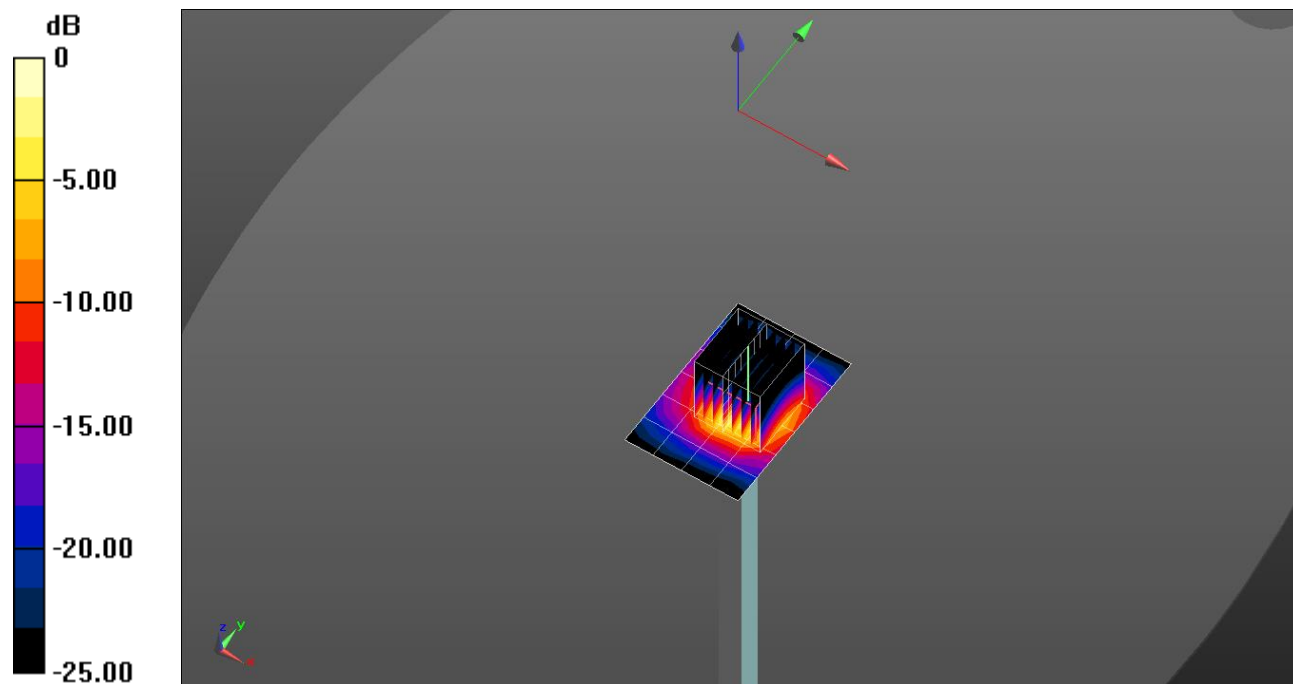
Frequency: 3900 MHz; Communication System Channel Number: 0; Duty Cycle: 1:1
 Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used: $f = 3900 \text{ MHz}$; $\sigma = 3.235 \text{ S/m}$; $\epsilon_r = 37.79$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1591; Calibrated: 3/22/2023
- Probe: EX3DV4 - SN7645; ConvF(5.69, 5.69, 5.69) @ 3900 MHz; Calibrated: 11/15/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Phantom section: Flat Section; Type: QDOVA003AA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head/3900MHz, Pin=100mW/Area Scan (5x7x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 10.5 W/kg

Head/3900MHz, Pin=100mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
 Reference Value = 63.22 V/m; Power Drift = -0.17 dB
 Peak SAR (extrapolated) = 17.6 W/kg
SAR(1 g) = 6.55 W/kg; SAR(10 g) = 2.36 W/kg
 Maximum value of SAR (measured) = 12.6 W/kg



0 dB = 12.6 W/kg = 11.00 dBW/kg

20230619_SystemPerformanceCheck-D1750V2_SN 1125

Frequency: 1750 MHz; Communication System Channel Number: 0; Duty Cycle: 1:1
 Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used: $f = 1750 \text{ MHz}$; $\sigma = 1.344 \text{ S/m}$; $\epsilon_r = 40.107$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1671; Calibrated: 5/25/2023
- Probe: EX3DV4 - SN7651; ConvF(8.57, 9.24, 7.93) @ 1750 MHz; Calibrated: 5/30/2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Phantom section: Flat Section; Type: QDOVA003AA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head/1750MHz, Pin=100mW/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 5.45 W/kg

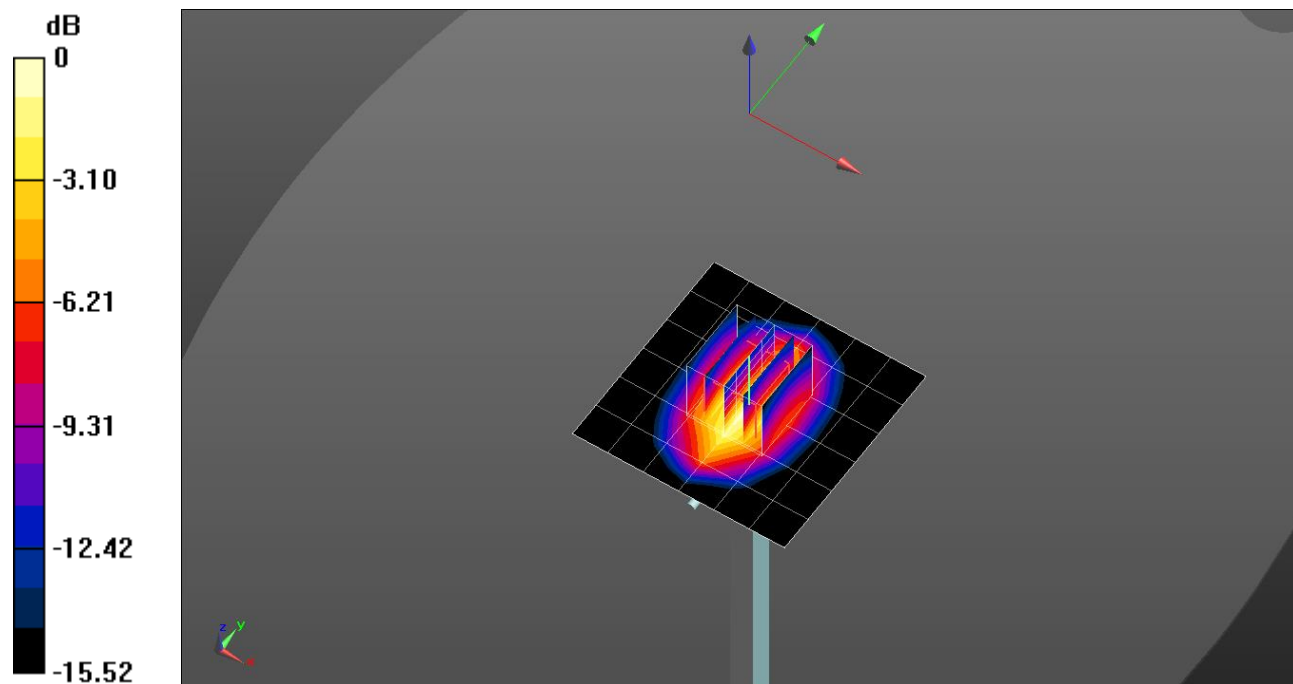
Head/1750MHz, Pin=100mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 59.84 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 6.29 W/kg

SAR(1 g) = 3.62 W/kg; SAR(10 g) = 2.01 W/kg

Maximum value of SAR (measured) = 5.44 W/kg



0 dB = 5.44 W/kg = 7.36 dBW/kg

20230703_SystemPerformanceCheck-D1900V2_SN 5d190

Frequency: 1900 MHz; Communication System Channel Number: 0; Duty Cycle: 1:1
 Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.405 \text{ S/m}$; $\epsilon_r = 39.54$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Probe: EX3DV4 - SN7651; ConvF(8.14, 8.76, 7.51) @ 1900 MHz; Calibrated: 5/30/2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Phantom section: Flat Section; Type: QDOVA003AA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head/1900MHz, Pin=100mW/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 5.74 W/kg

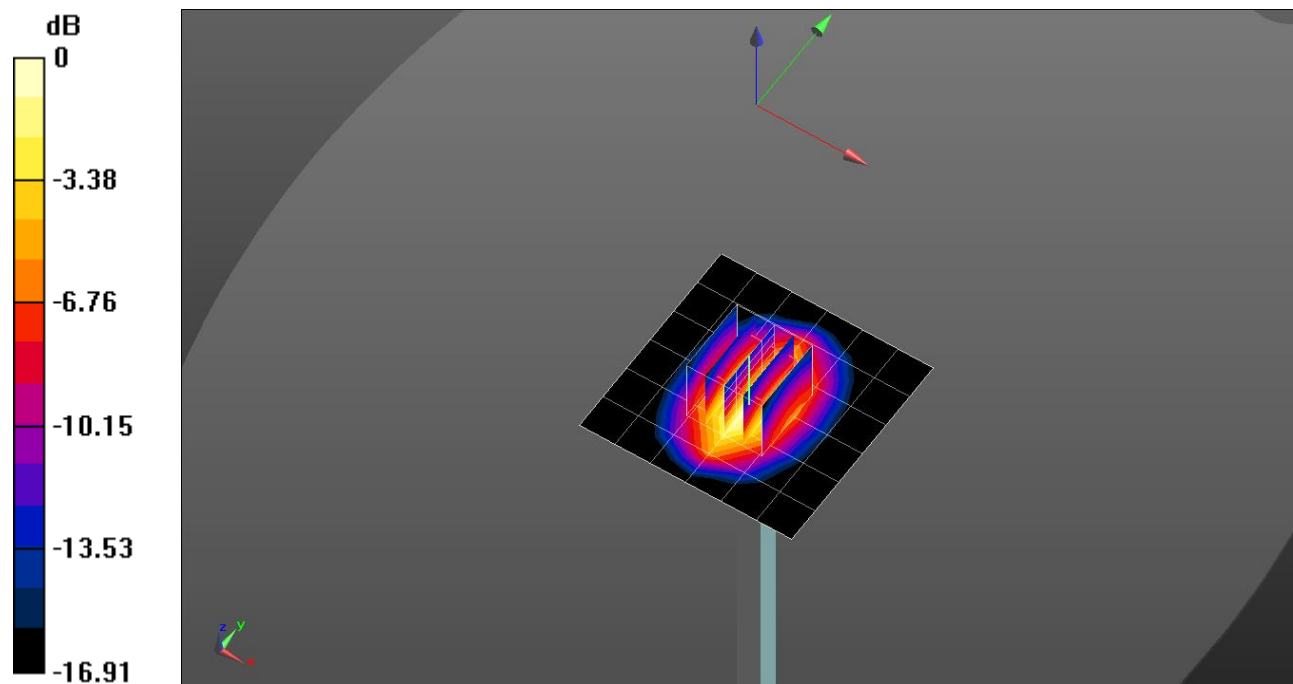
Head/1900MHz, Pin=100mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 60.91 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 6.70 W/kg

SAR(1 g) = 3.85 W/kg; SAR(10 g) = 2.09 W/kg

Maximum value of SAR (measured) = 5.72 W/kg



0 dB = 5.72 W/kg = 7.57 dBW/kg

Measurement Report for Device, , CW, Channel 0 (750.000 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	,		CW, 0--	750.000, 0	11.1	0.909	40.7

Hardware Setup

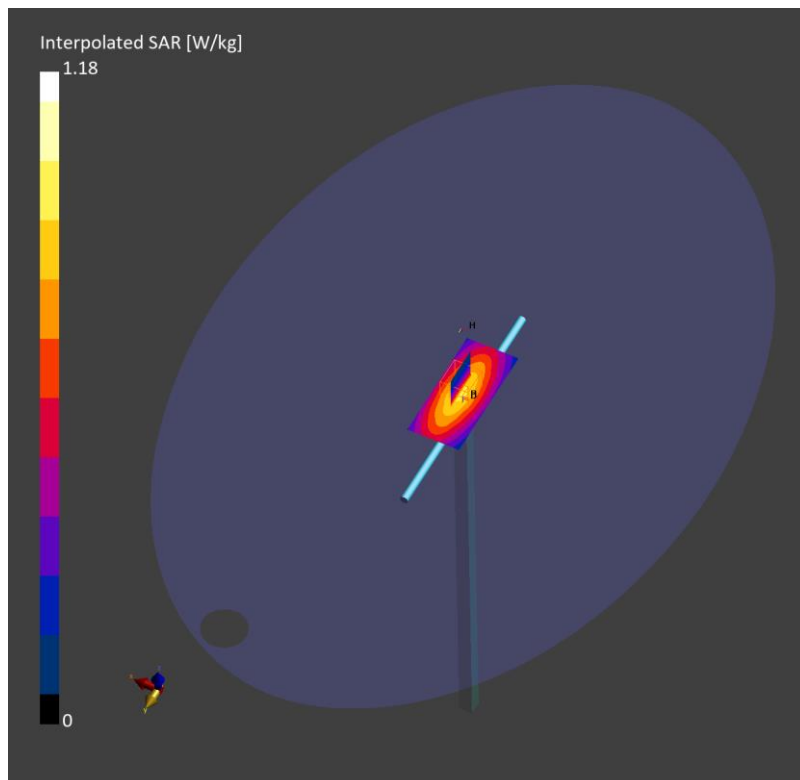
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2111	HBBL-600-10000, 2023-Jun-20	EX3DV4 - SN7330, 2023-01-24	DAE4 Sn1667, 2023-04-24

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.794	0.801
psSAR10g [W/Kg]	0.531	0.541
Power Drift [dB]	-0.04	-0.02
M2/M1 [%]		88.8
Dist 3dB Peak [mm]		> 15.0



20230706_SystemPerformancecheck-D2300V2_SN 1115

Frequency: 2300 MHz; Communication System Channel Number: 0; Duty Cycle: 1:1
 Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used: $f = 2300$ MHz; $\sigma = 1.718$ S/m; $\epsilon_r = 37.864$; $\rho = 1000$ 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
- Electronics: DAE4 Sn1667; Calibrated: 4/24/2023
- Probe: EX3DV4 - SN7330; ConvF(8.3, 8.3, 8.3) @ 2300 MHz; Calibrated: 1/24/2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V8.0 (20deg probe tilt)_Left; Phantom section: Flat Section ; Type: QD OVA 004 AA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head/2300MHz, Pin=100mW/Area Scan (6x8x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 5.15 W/kg

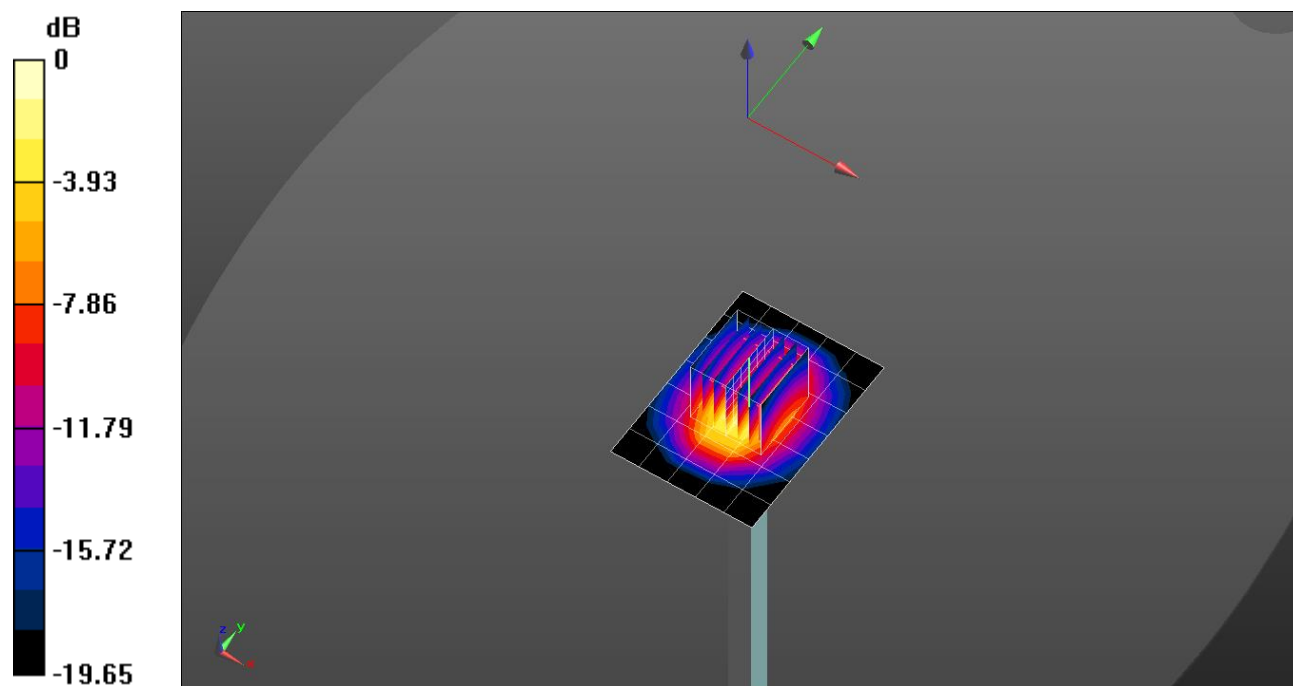
Head/2300MHz, Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 59.65 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 9.31 W/kg

SAR(1 g) = 4.41 W/kg; SAR(10 g) = 2.16 W/kg

Maximum value of SAR (measured) = 7.39 W/kg



0 dB = 7.39 W/kg = 8.69 dBW/kg

20230710_SystemPerformanceCheck-D835V2_SN 4d174

Frequency: 835 MHz; Communication System Channel Number: 0; Duty Cycle: 1:1
 Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.898 \text{ S/m}$; $\epsilon_r = 40.661$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1667; Calibrated: 4/24/2023
- Probe: EX3DV4 - SN7330; ConvF(10.68, 10.68, 10.68) @ 835 MHz; Calibrated: 1/24/2023
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI V8.0 (20deg probe tilt)_Left; Phantom section: Flat Section ; Type: QD OVA 004 AA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head/835MHz, Pin=100mW/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 1.05 W/kg

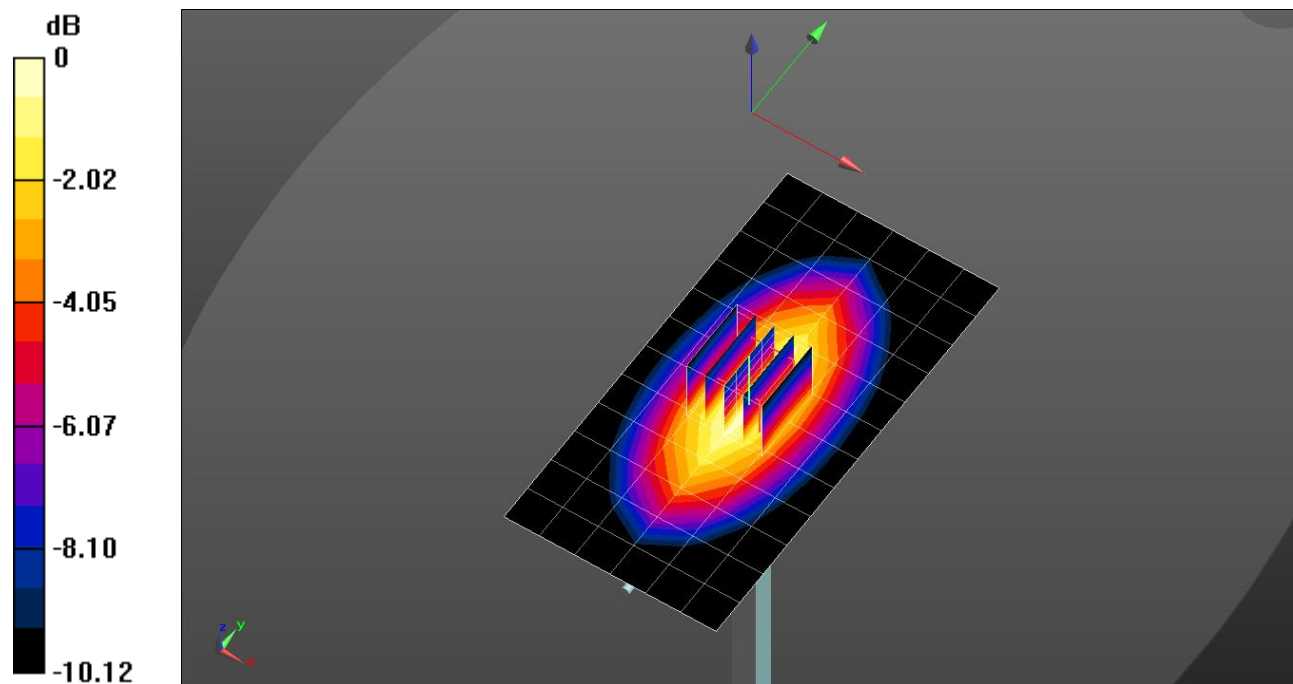
Head/835MHz, Pin=100mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.60 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.883 W/kg; SAR(10 g) = 0.583 W/kg

Maximum value of SAR (measured) = 1.08 W/kg



0 dB = 1.08 W/kg = 0.33 dBW/kg

20230628_SystemPerformanceCheck-D3500V2_SN1075

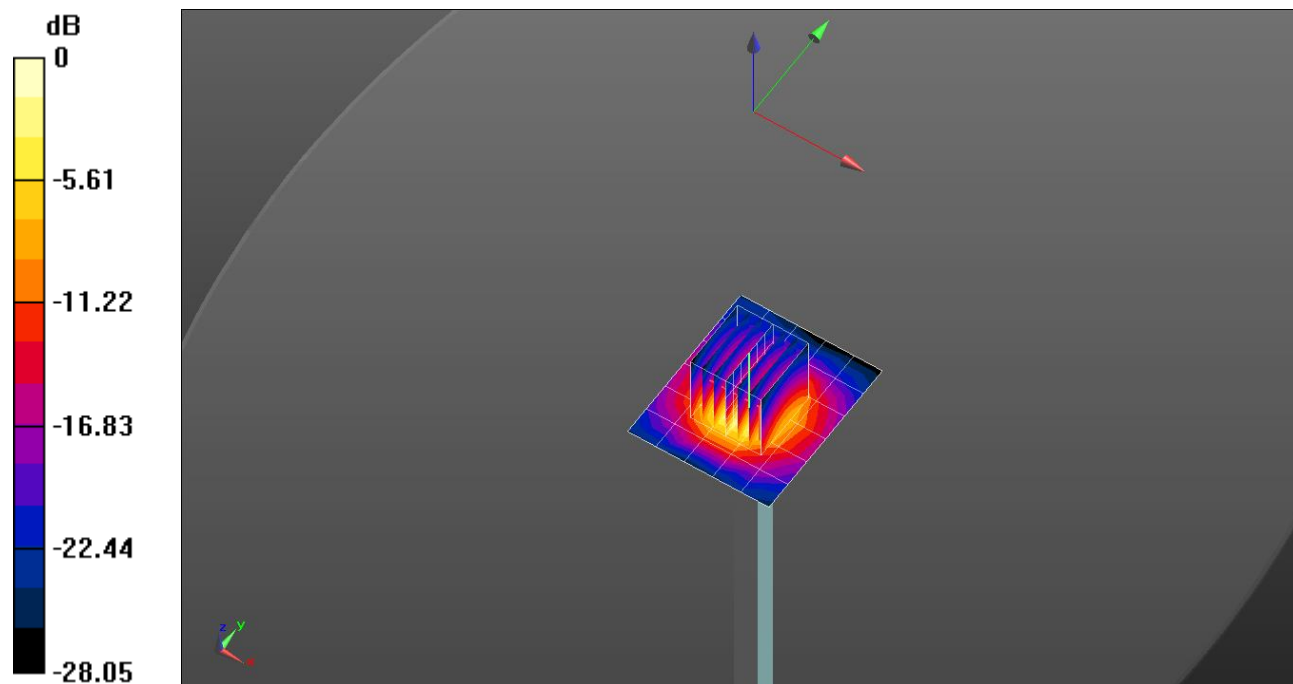
Frequency: 3500 MHz; Communication System Channel Number: 0; Duty Cycle: 1:1
 Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used: $f = 3500$ MHz; $\sigma = 2.918$ S/m; $\epsilon_r = 39.404$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Probe: EX3DV4 - SN7376; ConvF(7.22, 7.22, 7.22) @ 3500 MHz; Calibrated: 7/27/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt); Phantom section: Flat Section ; Type: QD OVA 002 AA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head/3500MHz, Pin=100mW/Area Scan (6x7x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 7.46 W/kg

Head/3500MHz, Pin=100mW/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm
 Reference Value = 64.18 V/m; Power Drift = 0.00 dB
 Peak SAR (extrapolated) = 12.9 W/kg
SAR(1 g) = 6.03 W/kg; SAR(10 g) = 2.48 W/kg
 Maximum value of SAR (measured) = 10.6 W/kg



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