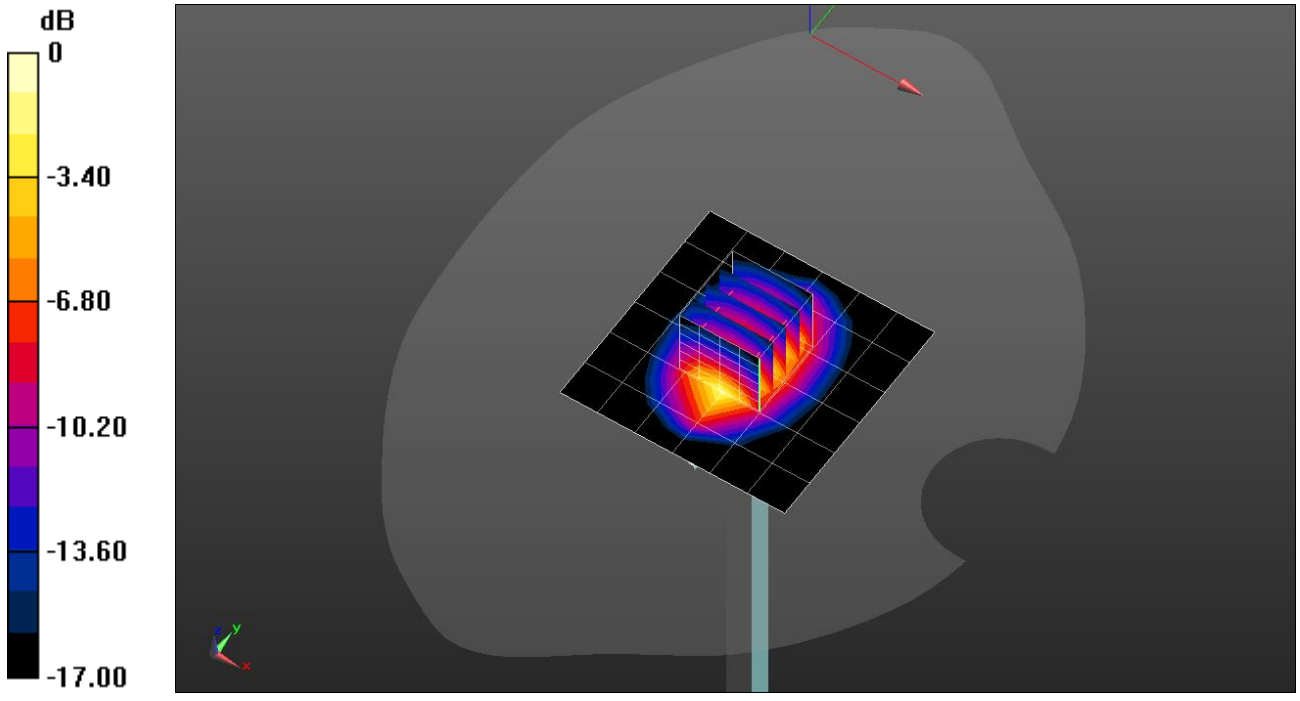
20240826_SystemPerfornmanceCheck D1900V2 SN5d190

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 MHz; σ = 1.406 S/m; ε_r = 40.78; ρ = 1000 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: 2024-02-16
- Probe: EX3DV4 - SN7330; ConvF(8.59, 7.74, 7.54) @ 1900 MHz; Calibrated: 2024-01-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Middle); Phantom section: Flat Section ; Type: QD 000 P40 CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Configuration/1900 MHz/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 5.62 W/kg

Configuration/1900 MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 66.22 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 6.60 W/kg
SAR(1 g) = 3.62 W/kg; SAR(10 g) = 1.89 W/kg
Smallest distance from peaks to all points 3 dB below = 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 54.8%
Maximum value of SAR (measured) = 5.61 W/kg



0 dB = 5.61 W/kg = 7.49 dBW/kg

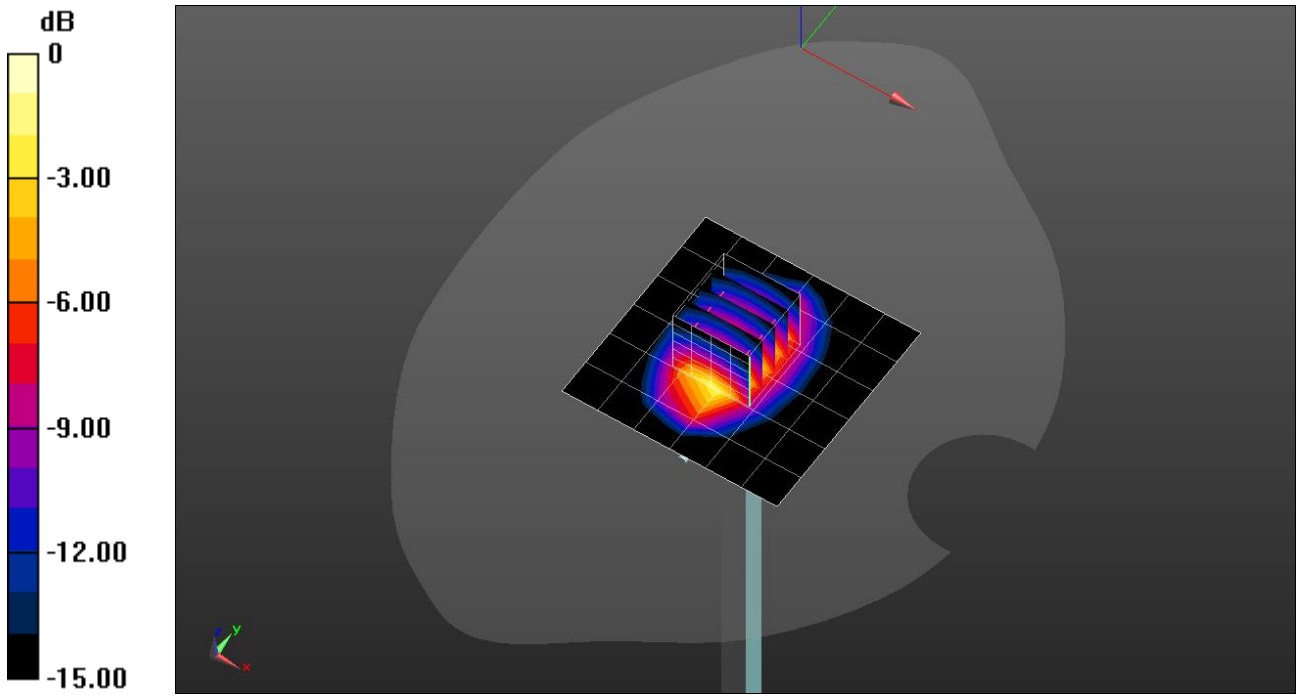
20240912_SystemPerformanceCheck-D1750V2 SN 1125

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 MHz; σ = 1.404 S/m; ε_r = 41.147; ρ = 1000 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 Sn1343; Calibrated: 2024-07-12
- Probe: EX3DV4 - SN7652; ConvF(8.61, 8.53, 8.73) @ 1750 MHz; Calibrated: 2024-04-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Phantom section: Flat Section ; Type: QD 000 P40 CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head/Pin=100 mW/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 5.53 W/kg

Head/Pin=100 mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 59.77 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 7.00 W/kg
SAR(1 g) = 3.91 W/kg; SAR(10 g) = 2.08 W/kg
Smallest distance from peaks to all points 3 dB below = 10.7 mm
Ratio of SAR at M2 to SAR at M1 = 55.5%
Maximum value of SAR (measured) = 5.98 W/kg



0 dB = 5.98 W/kg = 7.77 dBW/kg

System Performance Check Report for D750V3 - SN1122

Room Ambient Temperature: 23.0℃, Liquid Temperature: 22.0℃

Exposure Conditions

Frequency [MHz]	750.0	**TSL Permittivity**	42.2
Group / UID	CW / 0--	**TSL Conductivity [S/m]**	0.888
Conversion Factor	10.3	**Phantom Section / TSL**	Flat / HSL

DASY Configuration

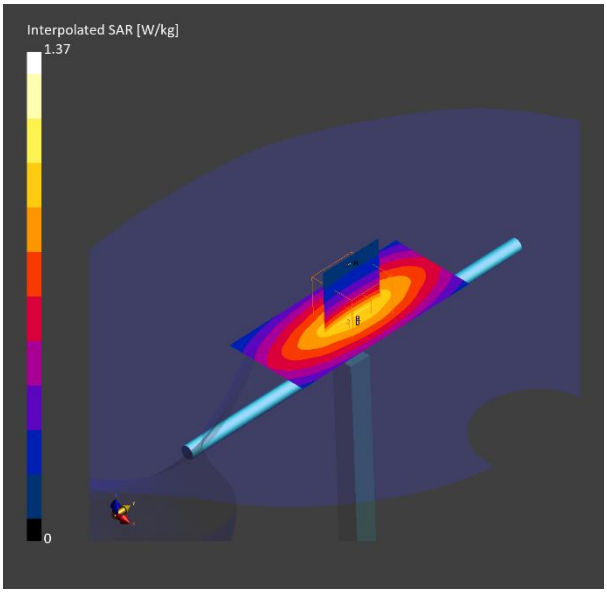
Probe | Calibration Date	EX3DV4 - SN7330 | 2024-01-22	**Phantom**	Twin-SAM V8.0 (30deg probe tilt)
DAE | Calibration Date	DAE4 Sn1447 | 2024-03-13	**TSL Type**	HBBL-600-10000
Software Version	16.2.2.1588		

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]	0.891	**0.922**
psSAR10g [W/Kg]	0.592	**0.609**
Power Drift [dB]		-0.03
Dist 3dB Peak [mm]		22.1
M2/M1 [%]		88.1



System Performance Check Report for D835V2 - SN4d194

Room Ambient Temperature: 23.0℃, Liquid Temperature: 22.0℃

Exposure Conditions

Frequency [MHz]	835.0	**TSL Permittivity**	42.7
Group / UID	CW / 0--	**TSL Conductivity [S/m]**	0.905
Conversion Factor	10.11	**Phantom Section / TSL**	Flat / HSL

DASY Configuration

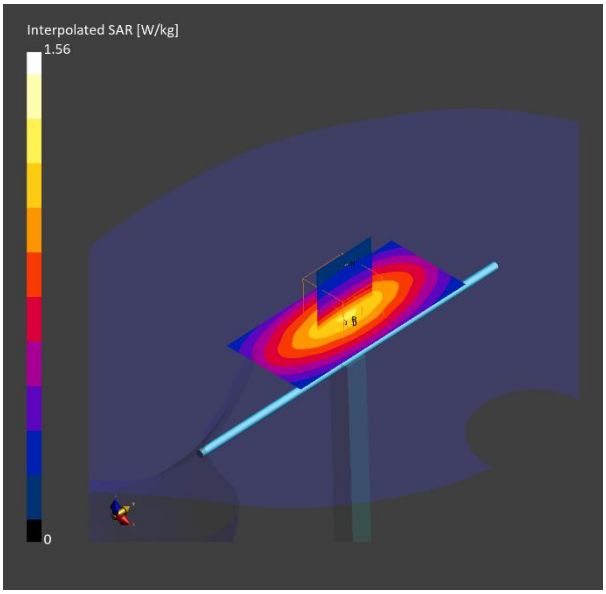
Probe | Calibration Date	EX3DV4 - SN7330 | 2024-01-22	**Phantom**	Twin-SAM V8.0 (30deg probe tilt)
DAE | Calibration Date	DAE4 Sn1447 | 2024-03-13	**TSL Type**	HBBL-600-10000
Software Version	16.2.2.1588		

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]	1.03	**1.03**
psSAR10g [W/Kg]	0.679	**0.687**
Power Drift [dB]		0.01
Dist 3dB Peak [mm]		19.6
M2/M1 [%]		87.1



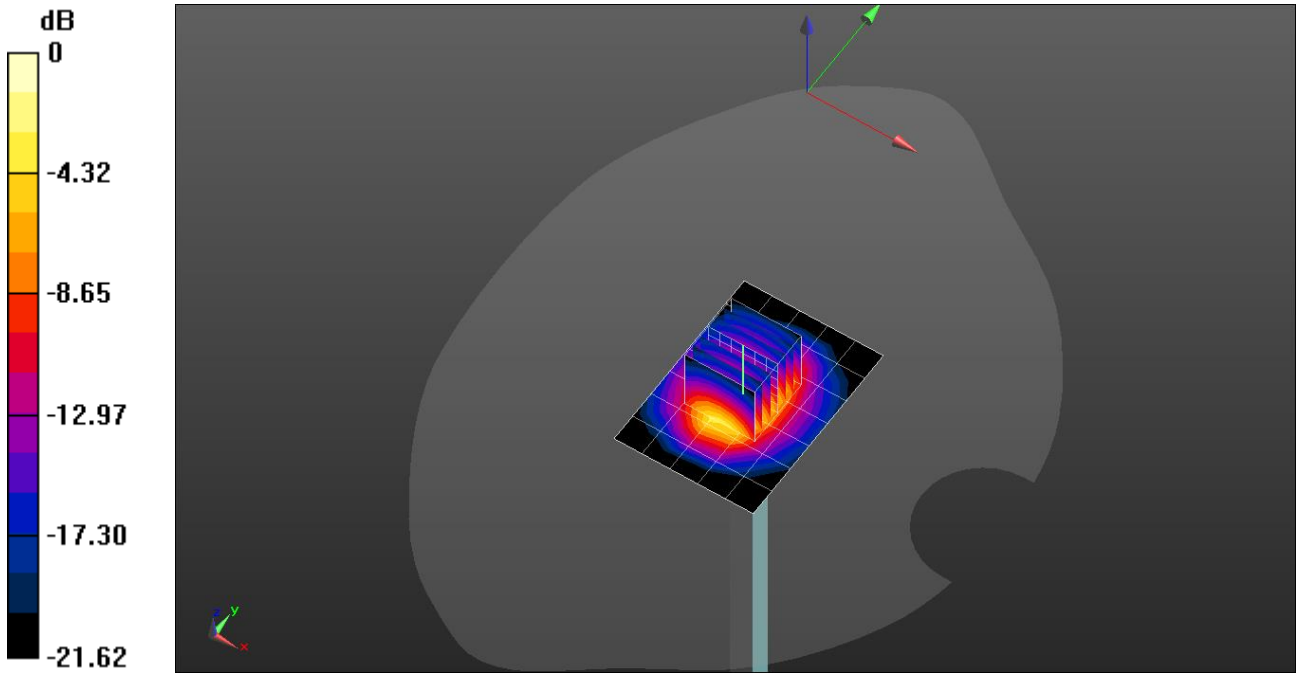
20240904_SystemPerformancecheck D2450V2_SN939

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; σ = 1.868 S/m; ε_r = 40.848; ρ = 1000 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 Sn1494; Calibrated: 2024-07-15
- Probe: EX3DV4 - SN7652; ConvF(7.92, 7.8, 8.18) @ 2450 MHz; Calibrated: 2024-04-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Phantom section: Flat Section ; Type: QD 000 P40 CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

System check/2450MHz/Pin=100mW/Area Scan (6x8x1): Measurement grid: dx=12mm, dy=12mm.
Maximum value of SAR (measured) = 6.62 W/kg

System check/2450MHz/Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 60.17 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 9.80 W/kg
SAR(1 g) = 4.82 W/kg; SAR(10 g) = 2.23 W/kg
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 49.7%
Maximum value of SAR (measured) = 8.06 W/kg



0 dB = 8.06 W/kg = 9.06 dBW/kg

20240919_SystemPerformanceCheck D5GHzV2 SN1325

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; σ = 5.136 S/m; ε_r = 34.357; ρ = 1000 kg/m^3

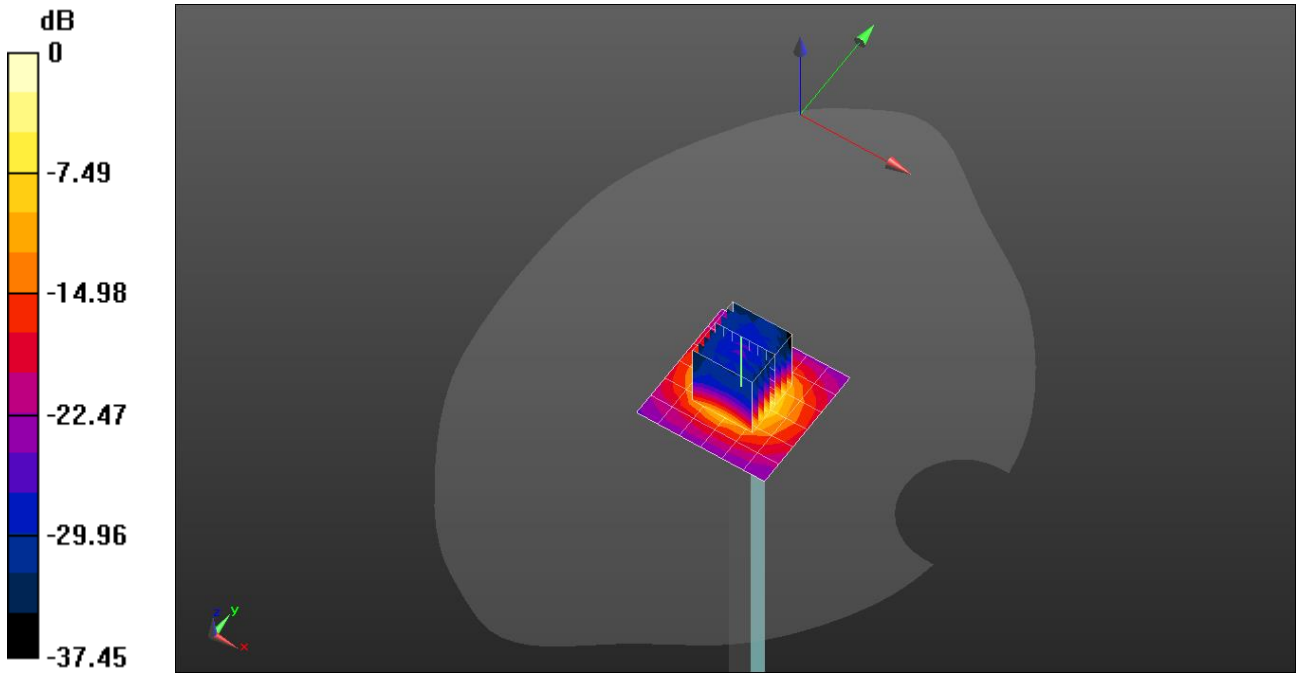
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1494; Calibrated: 2024-07-15
- Probe: EX3DV4 - SN7376; ConvF(4.71, 4.83, 4.98) @ 5600 MHz; Calibrated: 2024-07-17
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Phantom section: Flat Section ; Type: QD 000 P40 CD
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (measured) = 22.1 W/kg

Head/5.6 GHz, Pin=100mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 67.92 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 40.2 W/kg
SAR(1 g) = 9.01 W/kg; SAR(10 g) = 2.59 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 62.1%
Maximum value of SAR (measured) = 21.5 W/kg



0 dB = 21.5 W/kg = 13.32 dBW/kg

System Performance Check Report for CLA-13 - SN1015

Room Ambient Temperature: 23.0℃, Liquid Temperature: 22.0℃

Exposure Conditions

Frequency [MHz]	13.0	**TSL Permittivity**	55.8
Group / UID	CW / 0--	**TSL Conductivity [S/m]**	0.718
Conversion Factor	16.85	**Phantom Section / TSL**	Flat / HSL

DASY Configuration

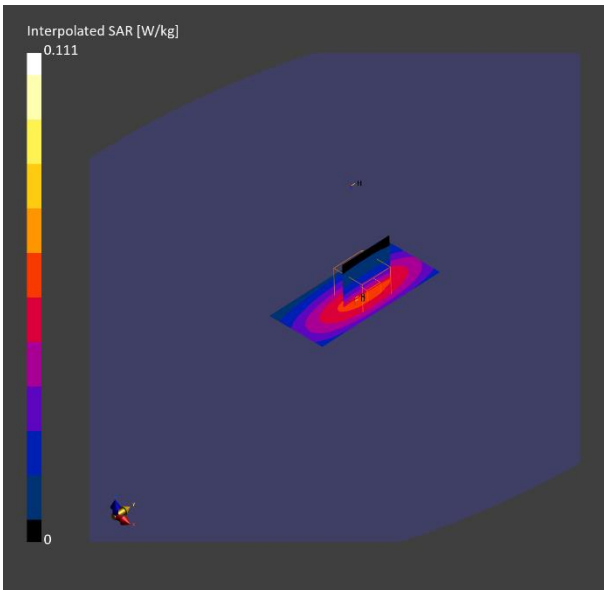
Probe | Calibration Date	EX3DV4 - SN7646 | 2024-03-15	**Phantom**	ELI V6.0 (20deg probe tilt)
DAE | Calibration Date	DAE4 Sn1670 | 2024-05-15	**TSL Type**	HBBL-600-10000
Software Version	16.2.2.1588		

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	32.0 x 32.0 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]	0.057	**0.055**
psSAR10g [W/Kg]	0.046	**0.034**
Power Drift [dB]		0.01
Dist 3dB Peak [mm]		15.6
M2/M1 [%]		75.1



System Performance Check Report for D2300V2 - SN1115

Room Ambient Temperature: 23.0℃, Liquid Temperature: 22.0℃

Exposure Conditions

Frequency [MHz]	2300.0	**TSL Permittivity**	39.7
Group / UID	CW / 0--	**TSL Conductivity [S/m]**	1.68
Conversion Factor	7.36	**Phantom Section / TSL**	Flat / HSL

DASY Configuration

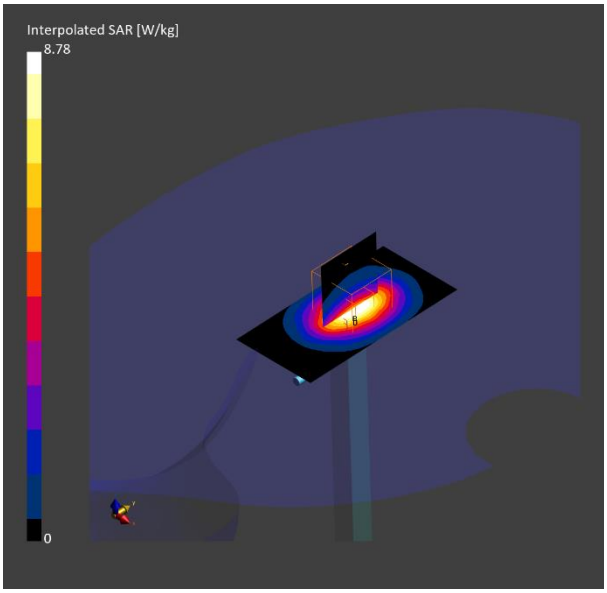
Probe | Calibration Date	EX3DV4 - SN7646 | 2024-03-15	**Phantom**	Twin-SAM V8.0 (30deg probe tilt)
DAE | Calibration Date	DAE4 Sn1670 | 2024-05-15	**TSL Type**	HBBL-600-10000
Software Version	16.2.2.1588		

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	4.33	**4.52**
psSAR10g [W/Kg]	2.09	**2.19**
Power Drift [dB]		0.01
Dist 3dB Peak [mm]		9.1
M2/M1 [%]		81.9



System Performance Check Report for D2600V2 - SN1178

Room Ambient Temperature: 23.0℃, Liquid Temperature: 22.0℃

Exposure Conditions

Frequency [MHz]	2600.0	**TSL Permittivity**	38.3
Group / UID	CW / 0--	**TSL Conductivity [S/m]**	1.98
Conversion Factor	7.11	**Phantom Section / TSL**	Flat / HSL

DASY Configuration

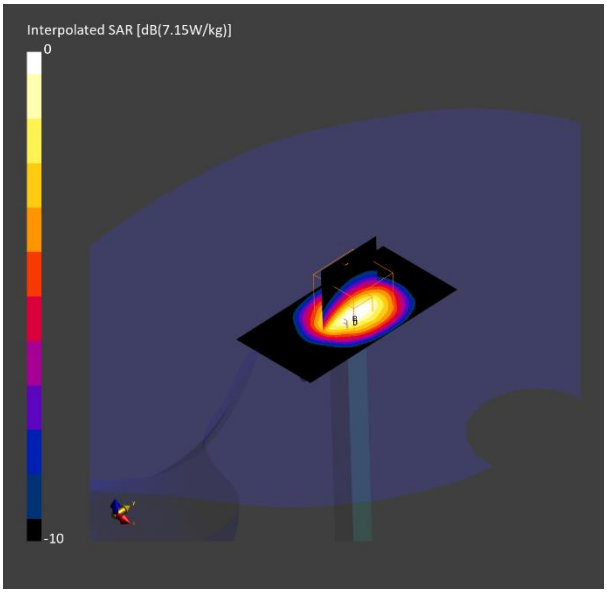
Probe | Calibration Date	EX3DV4 - SN7646 | 2024-03-15	**Phantom**	Twin-SAM V8.0 (30deg probe tilt)
DAE | Calibration Date	DAE4 Sn1670 | 2024-05-15	**TSL Type**	HBBL-600-10000
Software Version	16.2.2.1588		

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	5.43	**5.53**
psSAR10g [W/Kg]	2.46	**2.61**
Power Drift [dB]		-0.02
Dist 3dB Peak [mm]		9.0
M2/M1 [%]		81.5



System Performance Check Report for D3500V2 - SN1075

Room Ambient Temperature: 23.0℃, Liquid Temperature: 22.0℃

Exposure Conditions

Frequency [MHz]	3500.0	**TSL Permittivity**	37.5
Group / UID	CW / 0--	**TSL Conductivity [S/m]**	2.86
Conversion Factor	6.64	**Phantom Section / TSL**	Flat / HSL

DASY Configuration

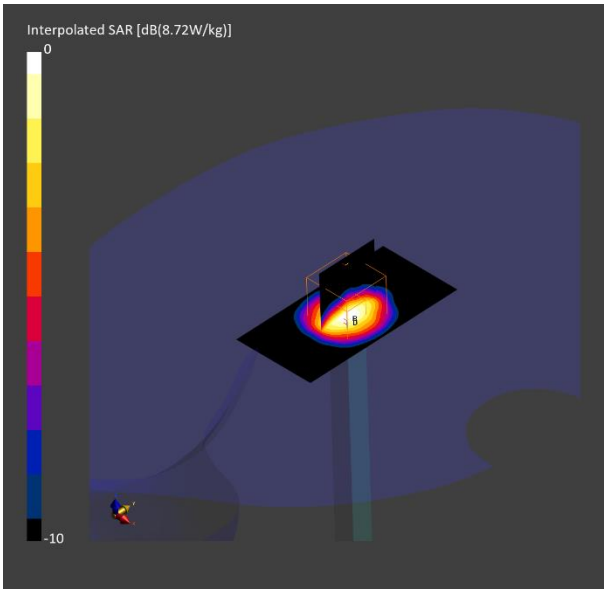
Probe | Calibration Date	EX3DV4 - SN7651 | 2024-03-18	**Phantom**	Twin-SAM V8.0 (30deg probe tilt)
DAE | Calibration Date	DAE4 Sn1671 | 2024-04-18	**TSL Type**	HBBL-600-10000
Software Version	16.2.2.1588		

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	6.09	**6.21**
psSAR10g [W/Kg]	2.35	**2.44**
Power Drift [dB]		-0.03
Dist 3dB Peak [mm]		9.0
M2/M1 [%]		80.4



System Performance Check Report for D3700V2 - SN1036

Room Ambient Temperature: 23.0℃, Liquid Temperature: 22.0℃

Exposure Conditions

Frequency [MHz]	3700.000	**TSL Permittivity**	38.3
Group / UID	CW / 0--	**TSL Conductivity [S/m]**	3.14
Conversion Factor	6.97	**Phantom Section / TSL**	Flat / Head Simulating Liquid

DASY Configuration

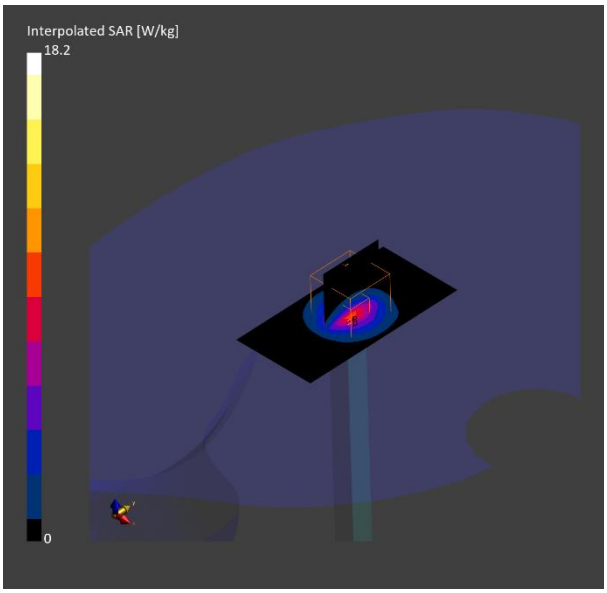
Probe | Calibration Date	EX3DV4 - SN7314 | 2024-05-23	**Phantom**	Twin-SAM V8.0 (30deg probe tilt)
DAE | Calibration Date	DAE4 Sn1668 | 2024-04-18	**TSL Type**	HBBL-600-10000
Software Version	16.4.0.5005		

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	6.88	**7.05**
psSAR10g [W/Kg]	2.57	**2.67**
Power Drift [dB]		0.03
Dist 3dB Peak [mm]		8.6
M2/M1 [%]		75.6



System Performance Check Report for D3900V2 - SN1069

Room Ambient Temperature: 23.0℃, Liquid Temperature: 22.0℃

Exposure Conditions

Band		**TSL Permittivity**	37.2
Frequency [MHz] / Channel Number	3900.000 / 0	**TSL Conductivity [S/m]**	3.20
Group / UID	CW / 0--	**Phantom Section / TSL**	Flat / Head Simulating Liquid
Conversion Factor	6.9	**Test Distance [mm]**	

DASY Configuration

Probe | Calibration Date	EX3DV4 - SN7314 | 2024-05-23	**Phantom**	Twin-SAM V8.0 (30deg probe tilt)
DAE | Calibration Date	DAE4 Sn1668 | 2024-04-18	**TSL Type**	HBBL-600-10000
Software Version	16.4.0.5005		

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	6.80	**7.21**
psSAR10g [W/Kg]	2.46	**2.61**
Power Drift [dB]		0.06
Dist 3dB Peak [mm]		8.0
M2/M1 [%]		73.7