

Appendix B – System Check Plots

Test Date : 2026-02-02 | Ambient Temp : 21.6 °C | Tissue Temp : 21.3 °C

System Performance Check**System Performance Check at 750 MHz****Verification Source Properties**

Manufacturer	Model No.	Serial No.	Input Power [dBm]
SPEAG	D750V3	1222	17.0

Exposure Conditions

Phantom Section	Group	Frequency [MHz]	Conversion Factor	TSL Permittivity	TSL Conductivity [S/m]
Flat	CW	750.000	10.04	42.5	0.878

Hardware Setup

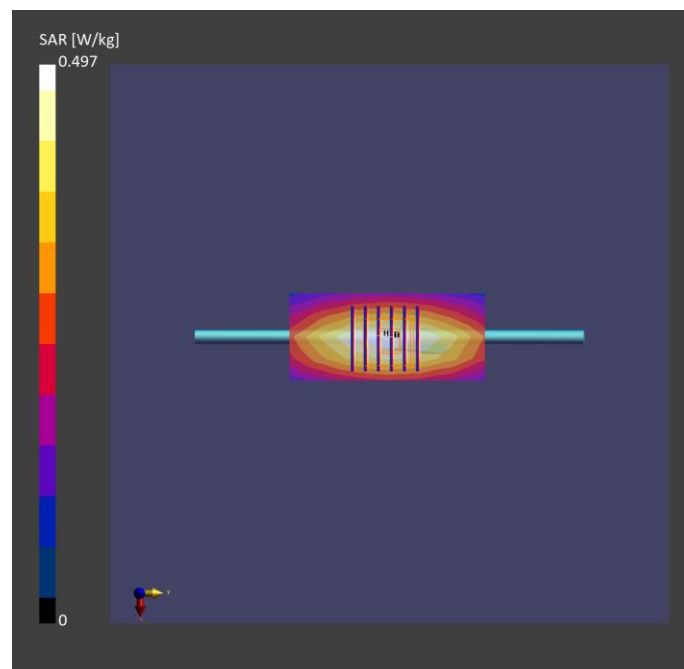
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7650 / 2025-06-10	DAE4 Sn1669 / 2025-05-19
Measurement Software Version		16.4.0.5005	

Scan 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
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.431	0.429
psSAR-10g [W/kg]	0.284	0.281
Power Drift [dB]		0.01
TSL Correction	Positive only	Positive only



Test Date : 2026-02-03 | Ambient Temp : 22.0 °C | Tissue Temp : 21.9 °C

System Performance Check**System Performance Check at 835 MHz****Verification Source Properties**

Manufacturer	Model No.	Serial No.	Input Power [dBm]
SPEAG	D835V2	4d291	17.0

Exposure Conditions

Phantom Section	Group	Frequency [MHz]	Conversion Factor	TSL Permittivity	TSL Conductivity [S/m]
Flat	CW	835.000	9.73	42.2	0.907

Hardware Setup

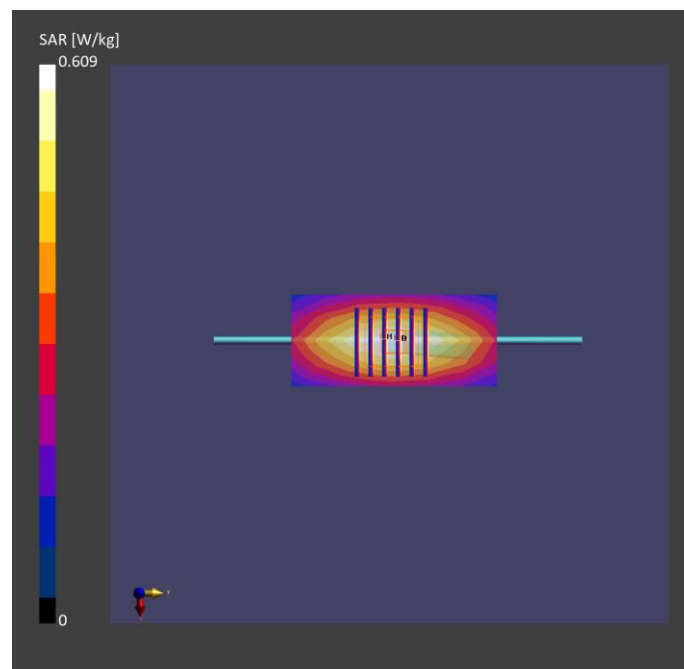
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7650 / 2025-06-10	DAE4 Sn1669 / 2025-05-19
Measurement Software Version		16.4.0.5005	

Scan 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
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.523	0.515
psSAR-10g [W/kg]	0.348	0.333
Power Drift [dB]		0.01
TSL Correction	Positive only	Positive only



Test Date : 2026-02-04 | Ambient Temp : 21.8 °C | Tissue Temp : 21.7 °C

System Performance Check**System Performance Check at 1800 MHz****Verification Source Properties**

Manufacturer	Model No.	Serial No.	Input Power [dBm]
SPEAG	D1800V2	2d167	17.0

Exposure Conditions

Phantom Section	Group	Frequency [MHz]	Conversion Factor	TSL Permittivity	TSL Conductivity [S/m]
Flat	CW	1800.000	8.02	40.4	1.33

Hardware Setup

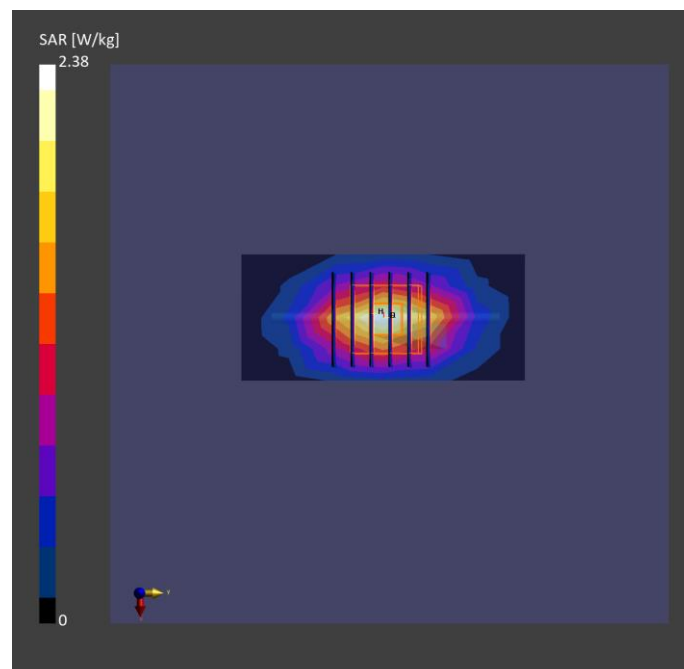
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7650 / 2025-06-10	DAE4 Sn1669 / 2025-05-19
Measurement Software Version		16.4.0.5005	

Scan 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
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	1.92	1.91
psSAR-10g [W/kg]	1.02	1.01
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only



Test Date : 2026-02-02 | Ambient Temp : 21.6 °C | Tissue Temp : 21.3 °C

System Performance Check**System Performance Check at 1900 MHz****Verification Source Properties**

Manufacturer	Model No.	Serial No.	Input Power [dBm]
SPEAG	D1900V2	5d111	17.0

Exposure Conditions

Phantom Section	Group	Frequency [MHz]	Conversion Factor	TSL Permittivity	TSL Conductivity [S/m]
Flat	CW	1900.000	7.85	40.3	1.39

Hardware Setup

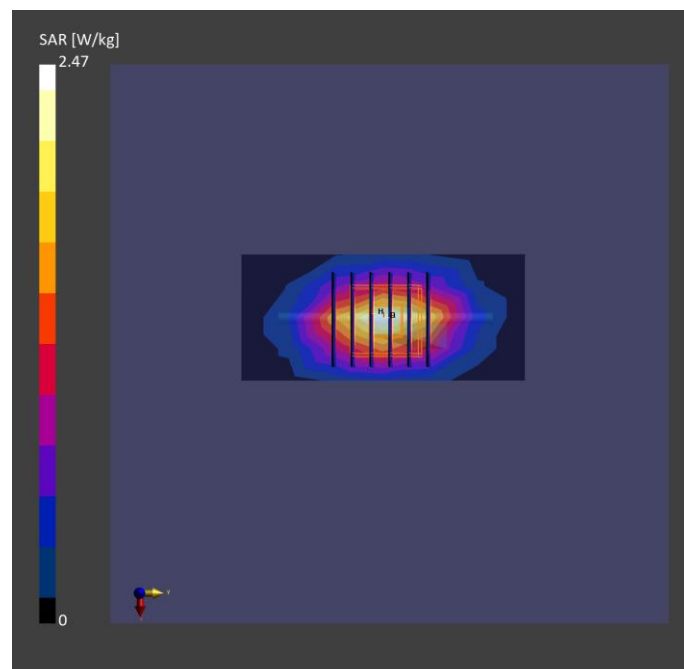
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7650 / 2025-06-10	DAE4 Sn1669 / 2025-05-19
Measurement Software Version		16.4.0.5005	

Scan 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
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	1.97	1.95
psSAR-10g [W/kg]	1.06	1.04
Power Drift [dB]		-0.02
TSL Correction	Positive only	Positive only



Test Date : 2026-02-09 | Ambient Temp : 22.1 °C | Tissue Temp : 21.2 °C

System Performance Check**System Performance Check at 2450 MHz****Verification Source Properties**

Manufacturer	Model No.	Serial No.	Input Power [dBm]
SPEAG	D2450V2	1087	17.0

Exposure Conditions

Phantom Section	Group	Frequency [MHz]	Conversion Factor	TSL Permittivity	TSL Conductivity [S/m]
Flat	CW	2450.000	6.6	39.6	1.86

Hardware Setup

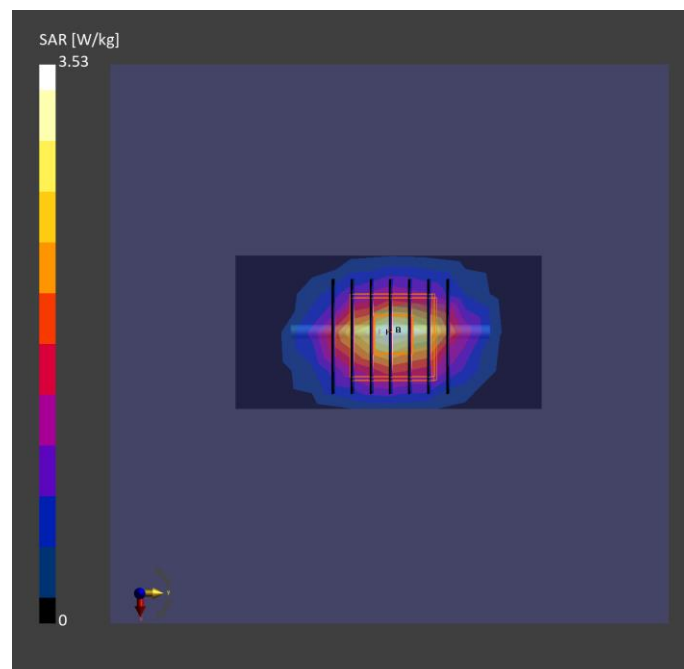
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7757 / 2025-09-25	DAE4 Sn1743 / 2025-09-11
Measurement Software Version		16.4.0.5005	

Scan 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
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	2.79	2.81
psSAR-10g [W/kg]	1.29	1.32
Power Drift [dB]		-0.05
TSL Correction	Positive only	Positive only



Test Date : 2026-02-05 | Ambient Temp : 22.1 °C | Tissue Temp : 22.0 °C

System Performance Check

System Performance Check at 2600 MHz

Verification Source Properties

Manufacturer	Model No.	Serial No.	Input Power [dBm]
SPEAG	D2600V2	1197	17.0

Exposure Conditions

Phantom Section	Group	Frequency [MHz]	Conversion Factor	TSL Permittivity	TSL Conductivity [S/m]
Flat	CW	2600.000	7.31	40.4	1.88

Hardware Setup

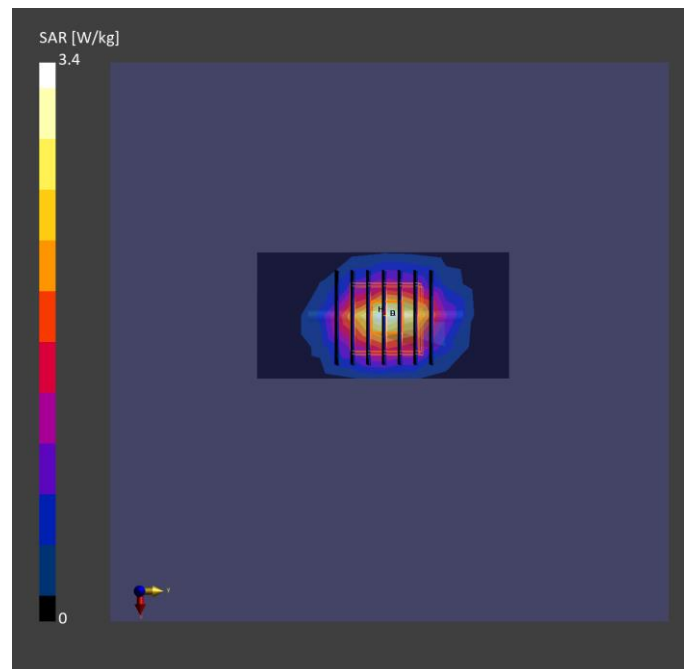
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7650 / 2025-06-10	DAE4 Sn1669 / 2025-05-19
Measurement Software Version		16.4.0.5005	

Scan 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
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	2.75	2.71
psSAR-10g [W/kg]	1.27	1.22
Power Drift [dB]		0.02
TSL Correction	Positive only	Positive only



Test Date : 2026-02-06 | Ambient Temp : 22.1 °C | Tissue Temp : 21.9 °C

System Performance Check

System Performance Check at 2600 MHz

Verification Source Properties

Manufacturer	Model No.	Serial No.	Input Power [dBm]
SPEAG	D2600V2	1197	17.0

Exposure Conditions

Phantom Section	Group	Frequency [MHz]	Conversion Factor	TSL Permittivity	TSL Conductivity [S/m]
Flat	CW	2600.000	7.31	38.4	1.88

Hardware Setup

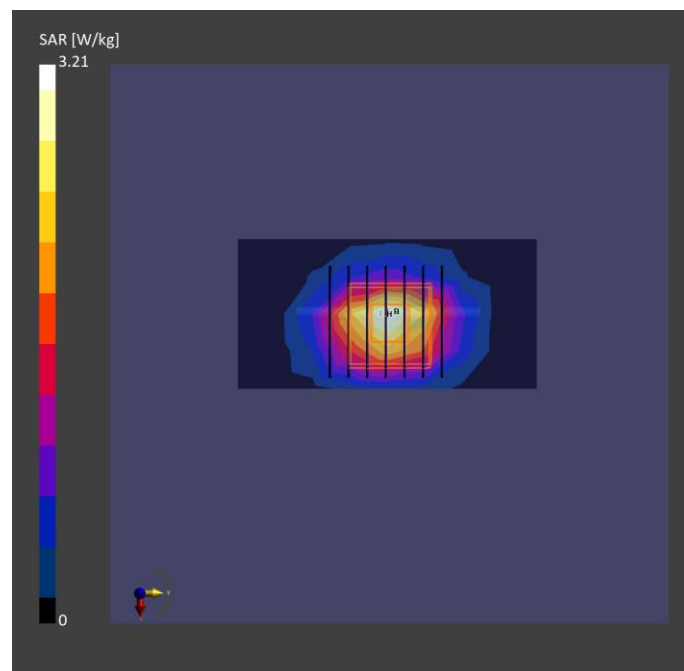
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2180	HBBL-600-10000	EX3DV4 - SN7650 / 2025-06-10	DAE4 Sn1669 / 2025-05-19
Measurement Software Version		16.4.0.5005	

Scan 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
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	2.55	2.61
psSAR-10g [W/kg]	1.16	1.18
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only



Test Date : 2026-02-10 | Ambient Temp : 22.2 °C | Tissue Temp : 21.2 °C

System Performance Check**System Performance Check at 5250 MHz****Verification Source Properties**

Manufacturer	Model No.	Serial No.	Input Power [dBm]
SPEAG	D5GHzV2	1358	17.0

Exposure Conditions

Phantom Section	Group	Frequency [MHz]	Conversion Factor	TSL Permittivity	TSL Conductivity [S/m]
Flat	CW	5250.000	4.93	34.4	4.43

Hardware Setup

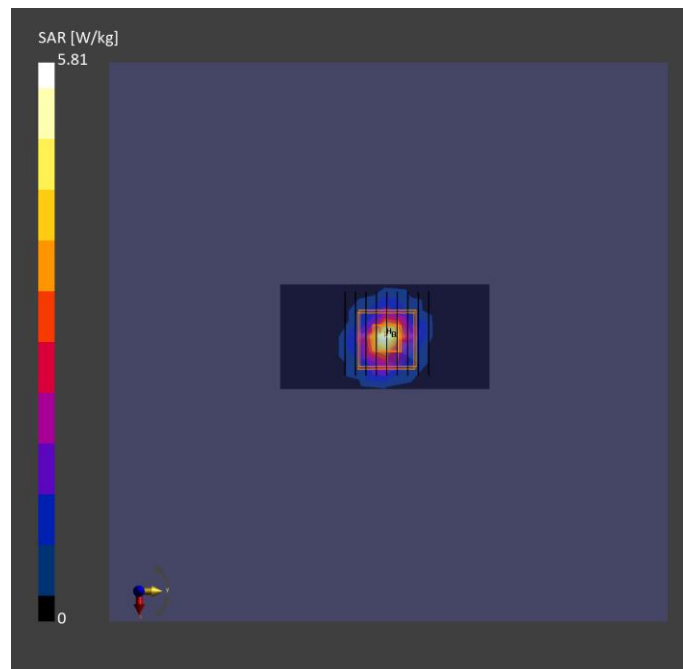
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7757 / 2025-09-25	DAE4 Sn1743 / 2025-09-11
Measurement Software Version		16.4.0.5005	

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	3.37	3.62
psSAR-10g [W/kg]	0.971	1.04
Power Drift [dB]		-0.02
TSL Correction	Positive only	Positive only



Test Date : 2026-02-10 | Ambient Temp : 22.2 °C | Tissue Temp : 21.2 °C

System Performance Check

System Performance Check at 5600 MHz

Verification Source Properties

Manufacturer	Model No.	Serial No.	Input Power [dBm]
SPEAG	D5GHzV2	1358	17.0

Exposure Conditions

Phantom Section	Group	Frequency [MHz]	Conversion Factor	TSL Permittivity	TSL Conductivity [S/m]
Flat	CW	5600.000	4.56	33.8	4.81

Hardware Setup

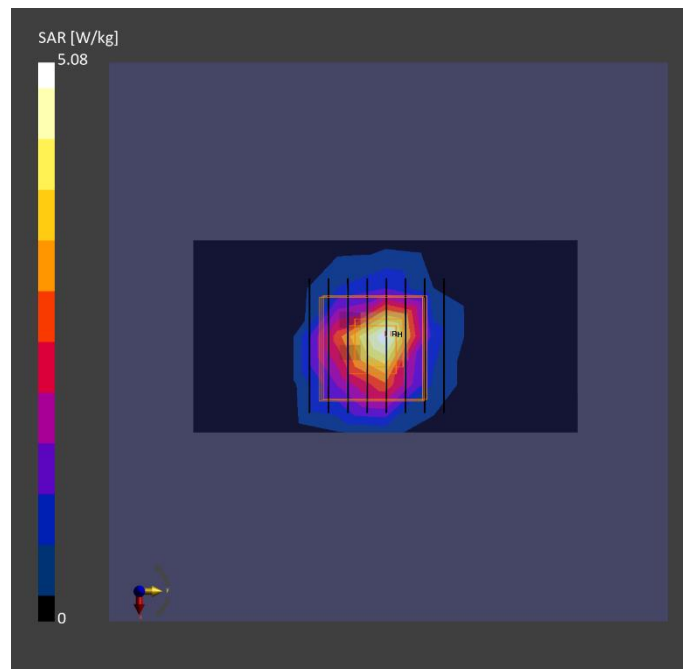
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7757 / 2025-09-25	DAE4 Sn1743 / 2025-09-11
Measurement Software Version		16.4.0.5005	

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	3.38	3.80
psSAR-10g [W/kg]	1.02	1.09
Power Drift [dB]		-0.05
TSL Correction	Positive only	Positive only



Test Date : 2026-03-23 | Ambient Temp : 22.5 °C | Tissue Temp : 21.4 °C

System Performance Check**System Performance Check at 5600 MHz****Verification Source Properties**

Manufacturer	Model No.	Serial No.	Input Power [dBm]
SPEAG	D5GHzV2	1358	17.0

Exposure Conditions

Phantom Section	Group	Frequency [MHz]	Conversion Factor	TSL Permittivity	TSL Conductivity [S/m]
Flat	CW	5600.000	4.56	34.9	4.95

Hardware Setup

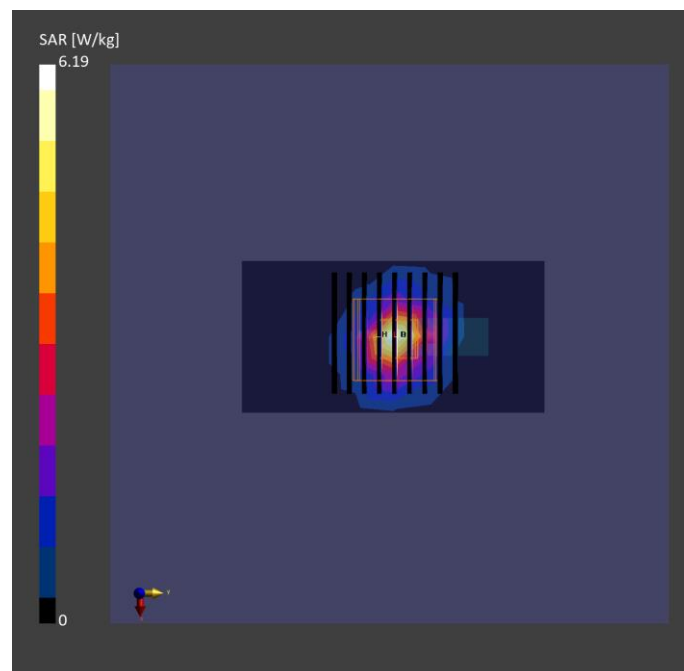
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7757 / 2025-09-25	DAE4 Sn1743 / 2025-09-11
Measurement Software Version		16.4.0.5005	

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	3.81	4.02
psSAR-10g [W/kg]	1.10	1.16
Power Drift [dB]		-0.03
TSL Correction	Positive only	Positive only



Test Date : 2026-02-10 | Ambient Temp : 22.2 °C | Tissue Temp : 21.2 °C

System Performance Check

System Performance Check at 5800 MHz

Verification Source Properties

Manufacturer	Model No.	Serial No.	Input Power [dBm]
SPEAG	D5GHzV2	1358	17.0

Exposure Conditions

Phantom Section	Group	Frequency [MHz]	Conversion Factor	TSL Permittivity	TSL Conductivity [S/m]
Flat	CW	5800.000	4.34	33.4	5.02

Hardware Setup

Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	HBBL-600-10000	EX3DV4 - SN7757 / 2025-09-25	DAE4 Sn1743 / 2025-09-11
Measurement Software Version		16.4.0.5005	

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	3.54	3.87
psSAR-10g [W/kg]	1.00	1.12
Power Drift [dB]		-0.04
TSL Correction	Positive only	Positive only

