

Appendix B – System Check Plots

Test Date : 2026-02-23 | Ambient Temp : 21.7 °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	D2450	1087	17.0

Exposure Conditions

Phantom Section	Group	Frequency [MHz]	Conversion Factor	TSL Permittivity	TSL Conductivity [S/m]
Flat	CW	2450.000	7.18	40.0	1.93

Hardware Setup

Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
ELI V8.0 (20deg probe tilt) - 2141	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]	2.67	2.65
psSAR-10g [W/kg]	1.23	1.25
Power Drift [dB]		0.00
TSL Correction	Positive only	Positive only

