

Appendix C: System Check Plots

RF SAFETY LABORATORY

System Verification

Verification Conditions

Verification Source	Power [dBm]	Phantom Section	Test Distance [mm]	Signal, UID	Frequency [MHz]	ConvF (x, y, z)
CLA-13 – SN1041	24.5	Flat	0	CW, 0	13.000	17.89, 16.89, 18.94

Test Setup

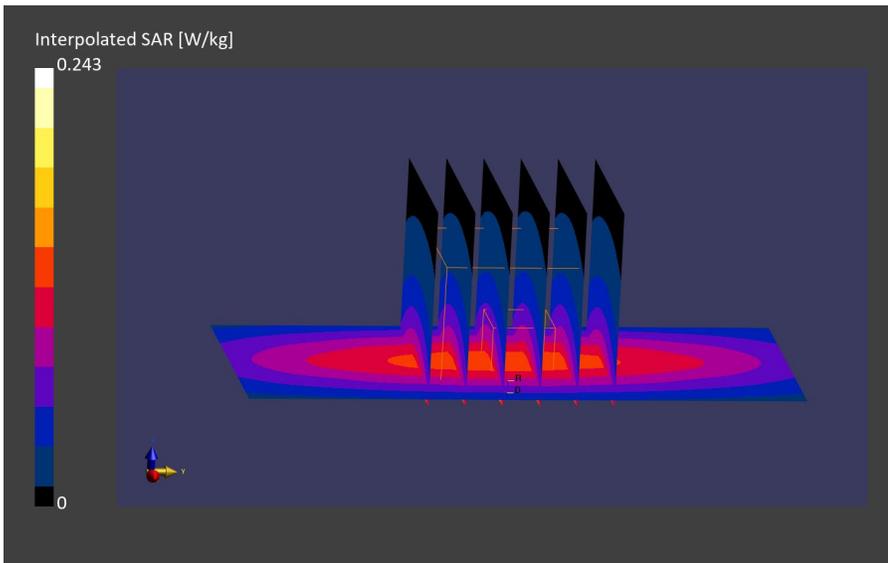
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	TSL Type	Cond. [S/m]	Perm.	Probe, Cal. Date	DAE, Cal. Date
2025-05-22	23.3	22.3	16.4.0.5005	ELI V8.0 – 2216	Head Simulating Liquid	0.694	50.4	EX3DV4 – SN7836, 2024-09-12	DAE4ip Sn1839, 2024-09-04

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Grading Ratio	N/A	1.5

Measurement Results

	SAR [W/kg] or APD [W/m²]	Deviation [%]
psSAR1g	0.123	-4.5
psSAR10g	0.076	-8.9
Peak SAR (Extrapolated)	0.244	-8.07
psAPD (4.0 cm², sq)	N/A	N/A



RF SAFETY LABORATORY

System Verification

Verification Conditions

Verification Source	Power [dBm]	Phantom Section	Test Distance [mm]	Signal, UID	Frequency [MHz]	ConvF (x, y, z)
D2450V2 – SN1112	17.0	Flat	10	CW, 0	2450.000	6.72, 7.08, 6.68

Test Setup

Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	TSL Type	Cond. [S/m]	Perm.	Probe, Cal. Date	DAE, Cal. Date
2025-05-19	23.5	22.8	16.4.0.5005	Twin-SAM V8.0 – 2159	Head Simulating Liquid	1.83	37.4	EX3DV4 – SN7859, 2025-05-05	DAE4ip Sn1862, 2025-01-16

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	30.0 x 30.0 x 31.2
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Grading Ratio	N/A	1.5

Measurement Results

	SAR [W/kg] or APD [W/m²]	Deviation [%]
psSAR1g	2.58	1.73
psSAR10g	1.21	1.87
Peak SAR (Extrapolated)	5.30	1.49
psAPD (4.0 cm², sq)	N/A	N/A

