

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	14.3, 16.56,15.27

Test Setup

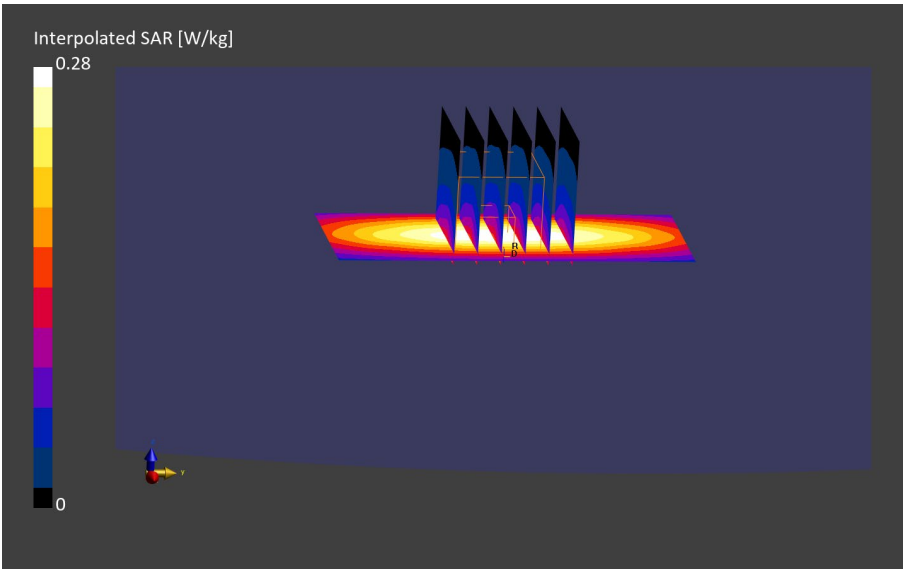
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	TSL Type	Cond. [S/m]	Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-06-24	22.5	22.6	16.4.0.5005	ELI V8.0 – 2216	Head Simulating Liquid	0.768	54.0	EX3DV4 – SN7872, 2025-08-08	DAE4ip Sn1843, 2025-07-30

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	0.135	4.81
psSAR10g	0.082	-1.71
Peak SAR (Extrapolated)	0.280	5.41
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	6.94, 6.68, 6.66

Test Setup

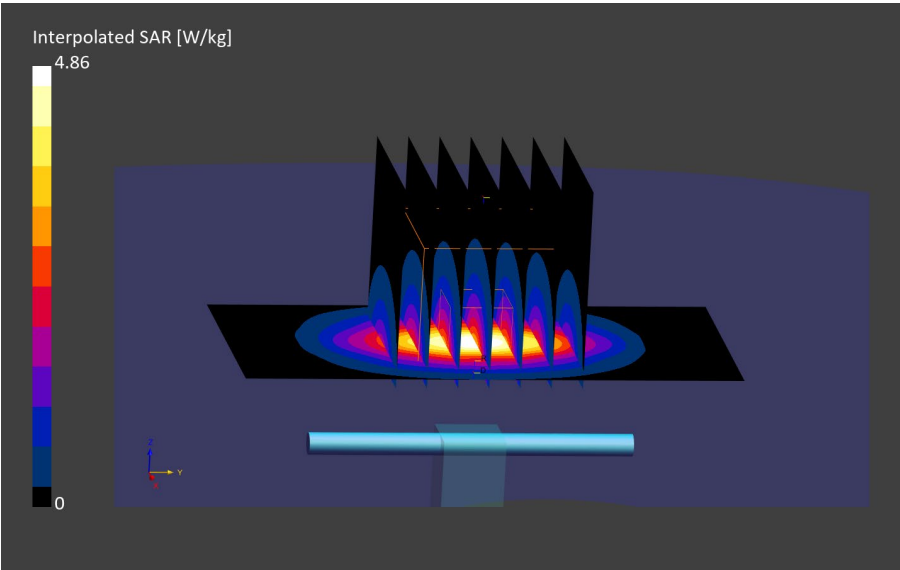
Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	TSL Type	Cond. [S/m]	Perm.	Probe, Cal. Date	DAE, Cal. Date
2026-06-10	20.5	21.1	18.0.0.7250	Twin-SAM V8.0 – 2164	Head Simulating Liquid	1.80	40.3	EX3DV4 – SN7853, 2025-11-07	DAE4ip Sn1844, 2025-11-05

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	2.47	-2.6
psSAR10g	1.17	-1.5
Peak SAR (Extrapolated)	4.86	-6.94
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	7.39, 7.44, 7.43

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
2026-07-06	22.4	22	18.0.0.7250	Twin-SAM V8.0 – 2233	Head Simulating Liquid	1.81	42.1	EX3DV4 – SN7971, 2026-04-14	DAE4ip Sn1862, 2026-01-08

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	2.46	-3
psSAR10g	1.16	-2.34
Peak SAR (Extrapolated)	4.85	-7.13
psAPD (4.0 cm², sq)	N/A	N/A

