

Appendix C: System Check Plots

C.1. 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)
D2450V2 – SN1112	17.0	Flat	10	CW, 0	2450.000	7.09

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
2024-01-24	22.1	20.1	16.2.4.2524	Twin-SAM V8.0 – 2165	HSL	1.88	39.9	EX3DV4 – SN7853, 2023-11-14	DAE4ip Sn1844, 2023-11-02

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
Grading Ratio	N/A	1.5

Measurement Results

	SAR [W/kg]	Deviation [%]
psSAR1g	2.57	-1.01
psSAR10g	1.20	-1.87
Peak SAR (Extrapolated)	5.32	1.87

