

Appendix A: SAR Test Plots

RF SAFETY LABORATORY

DUT: VitalPro-01 ; SN: 00006

Test Conditions

Exposure Condition	Position, Test Distance [mm]	Band	Signal, UID	Ant.	Channel Number	Frequency [MHz]	ConvF (x,y,z)
Body	Flat, BACK, 0.00	2.4 GHz Bluetooth LE	Bluetooth Low Energy, 10670	Patch Antenna	Ch. 39	2440.000	7.84, 7.84,7.84

Test Setup

Test Date	Ambient Temp [°C]	TSL Temp [°C]	Measurement SW	Phantom	Type	Cond. [S/m]	TSL Perm.	Probe, Cal. Date	DAE, Cal. Date
2025-03-12	24.5	22.7	16.4.0.5005	Twin-SAM V8.0 – 2159	Head Simulating Liquid	1.81	37.3	EX3DV4 – SN7872, 2024-03-15	DAE4ip Sn1843, 2024-08-14

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 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
MAIA	Y	Y

Measurement Results

psSAR1g [W/Kg]	0.164
Power Drift [dB]	0.03
Peak SAR (Extrapolated) [W/kg]	0.330
M2/M1 [%]	76.9
Dist 3dB Peak [mm]	10.8

