

Appendix A: SAR Test Plots

RF SAFETY LABORATORY

DUT: MWC6001; SN: 00824

Test Conditions

Exposure Condition	Position, Test Distance [mm]	Band	Signal, UID	Ant.	Channel Number	Frequency [MHz]	ConvF (x,y,z)
Body/Extremity	Flat, BACK, 0.00	2.4 GHz Bluetooth LE	Bluetooth: LE, Test, GFSK, 10670	Main	Ch. 39	2480.000	7.39, 7.44,7.43

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
2026-07-20	21.7	21.7	18.0.0.7250	Twin-SAM V8.0 – 2233	Head Simulating Liquid	1.85	41.2	EX3DV4 – SN7971, 2026-04-14	DAE4ip Sn1862, 2026-01-08

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 120.0	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]	0.067
psSAR10g [W/Kg]	0.02
Power Drift [dB]	0.08
Peak SAR (Extrapolated) [W/kg]	0.199
M2/M1 [%]	66.9
Dist 3dB Peak [mm]	5.4

